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HEALTH REPORT

FOR THE

CITY OF NEWARK

1951

HON. STEPHEN J. MORAN, Director,
Department of Public Affairs.

Department of Health, Newark, N. J.
AARON H. HASKIN, M.D., M.P.H.,
Health Officer.

TO THE CITIZENS OF NEWARK

IN THIS, MY FIRST ANNUAL REPORT AS HEALTH OFFICER OF YOUR CITY, I CALL UPON YOU TO CONTINUE THAT OUTSTANDING COOPERATION WHICH BOTH THE GENERAL PUBLIC AND THE PHYSICIANS OF OUR CITY HAVE GIVEN TO THE DEPARTMENT FOR MANY YEARS.

AS I PREPARE THE STORY FOR 1951, I REALIZE HOW DIFFICULT IT WILL BE TO IMPROVE THE CONDITIONS REFLECTED IN THE REPORT, AND CANNOT BUT FEEL PROUD THAT MY FIRST REPORT SHOULD BE ON SUCH A LEVEL.

PRACTICALLY EVERY HEALTH RATE BY WHICH THE DEPARTMENT CAN BE MEASURED WAS ENCOURAGING. WE HAD THE LOWEST INFANT MORTALITY RATE EVER RECORDED; THE TUBERCULOSIS MORTALITY FELL 20% BELOW THE PREVIOUS LOW RECORD; MATERNAL MORTALITY REACHED A RECORD LOW, AND THE PERCENTAGE OF DEATHS OVER 65 WAS THE HIGHEST EVER.

WE HOPE TO IMPROVE EVEN THESE EXCELLENT RECORDS IN SEVERAL WAYS.

(A) OUR CHEST X-RAY CASE-FINDING PROGRAM WILL BE CARRIED OUT ON AN EVEN GREATER SCALE THAN EVER BEFORE IN COOPERATION WITH THE STATE HEALTH DEPARTMENT.

(B) IN OUR BUDGET, WE PLAN FOR A MUCH NEEDED ALCOHOLIC AND DRUG ADDICT CLINIC, WITH A PSYCHIATRIST, PSYCHOLOGIST, AND PSYCHIATRIC SOCIAL WORKERS.

(C) ARRANGEMENTS HAVE BEEN MADE WITH THE V N A FOR THEIR VISITS TO INCLUDE CARE OF CRIPPLED CHILDREN AND CARDIAC CASES.

(D) OUR MULTIPHASIC MASS HEALTH SCREENING WORK IS ALSO TO BE EXPANDED.

(E) OUR HEALTH EDUCATION PROGRAM NOT ONLY FOR DEPARTMENT PERSONNEL, BUT FOR THE GENERAL PUBLIC, IS TO BE GREATLY INCREASED.

(F) OUR INTERNAL ORGANIZATION IS ALREADY BEING REORGANIZED, SO THAT WE WILL HAVE A MORE STREAMLINED EFFICIENT ADMINISTRATIVE SET-UP.

Aaron Z. Zoskin M.D., M.P.H.
HEALTH OFFICER

MARCH 14, 1952

FROM THE HEALTH DEPT. STAFF

TO

DR. AARON H. HASKIN

Just about one year ago, Dr. Aaron H. Haskin was appointed Health Officer of the City of Newark to succeed Dr. Charles V. Craster.

In that short space of time, we believe that Newark's citizens have found reason to congratulate themselves upon the appointment made by Director Stephen J. Moran.

We pledge our best efforts to Dr. Haskin and wish him many, many, more years in which to serve the City of Newark.

The Health Department Staff

March 14, 1952

WHAT YOUR HEALTH BUDGET PURCHASES

SOME PEOPLE DO NOT REALIZE THE MANY VALUABLE SERVICES PAID FOR BY THE HEALTH DEPARTMENT BUDGET. TOO OFTEN IT IS FELT THAT WE MERELY INVESTIGATE NEIGHBORHOOD NUISANCES OR PLACARD FOR CONTAGIOUS DISEASE. FOLLOWING IS SOME OF THE WORK MADE POSSIBLE BY OUR BUDGET.

NOT ONLY - ENVIRONMENTAL SANITATION; DOG AND RABIES CONTROL; INSURE GOOD PLUMBING; INFANT BOARDING HOME SUPERVISION; LODGING HOUSE SUPERVISION, AND DOZENS OF OTHER INCIDENTAL HEALTH WORKS -

BUT ALSO

1 - MEDICAL CARE OF THE POOR - APPROXIMATELY $350,000 IS SPENT IN THE MEDICAL CARE OF THE POOR,- CLINIC TREATMENTS, HOME DOCTOR AND NURSE TREATMENTS, ETC.
CURING THE SICK, KEEPS THEM OFF THE RELIEF ROLL.

2 - DISEASE CONTROL - ALMOST ONE HUNDRED THOUSAND SCREEN-TESTING CHEST X-RAYS AND BLOOD TESTS FOR EARLY DETECTION OF TUBERCULOSIS AND SYPHILIS CASES WHICH WOULD BE A HAZARD TO THE ENTIRE PUBLIC. -- CURE IS ALSO POSSIBLE IN EARLY STAGES.

3 - HEALTHY BABIES - MOTHERS VISITED MONTHLY TO INSURE PROPER CARE, EVEN TO INSTRUCT IN BEHAVIOR PROBLEMS, WHICH OFTEN LEAD TO WARPED MENTAL DEVELOPMENTS IN ADULT LIFE.

4 - SCHOOL HEALTH - INSURE GOOD HEALTH AND CORRECTION OF PHYSICAL DEFECTS IN 13,000 PAROCHIAL SCHOOL CHILDREN, AS IS DONE FOR PUBLIC SCHOOL CHILDREN BY THE BOARD OF EDUCATION.

5 - CHILDREN'S DENTAL CARE - FREE TREATMENTS IN NINE NEIGHBORHOOD CLINICS FOR APPROXIMATELY 10,000 DIFFERENT PUBLIC AND PAROCHIAL SCHOOL CHILDREN UNABLE TO PAY,

6 - CLEAN FOOD - SECURE MAXIMUM SANITATION IN EVERY FOOD ESTABLISHMENT, WHERE THE PUBLIC HAS NO OTHER PROTECTION. WE EVEN INSTRUCT RESTAURANT HELP TO PREVENT FOOD INFECTIONS.

7 - PURE MILK - INSURE A PURE SUPPLY OF MILK; 2,000,000 QUARTS PER WEEK. (THE MAJOR FOOD OF INFANTS AND CHILDREN).

8 - INDUSTRIAL HEALTH - MAINTAIN HEALTHFUL WORKING CONDITIONS IN MORE THAN 1,000 INDUSTRIAL PLANTS.

9 - CONTAGION - CONTROL & PREVENTION - NOT ONLY PREVENT SPREAD OF CONTAGIOUS DISEASE, BUT CAMPAIGN FOR PROTECTION AGAINST DIPHTHERIA, WHOOPING COUGH AND SMALLPOX.

DEPARTMENT OF HEALTH

NEWARK, N. J.

HEALTH OFFICER - - - - - - - - - - - - - - - - AARON H. HASKIN, M.D., M.P.H.

ASSISTANT HEALTH OFFICERS

ROBERT F. MORGAN EXECUTIVE DIVISION	CHRISTOPHER C. NUGENT, JR. SANITARY DIVISION	JOSEPH E. CONNOLLY FOOD & DRUG DIVISION

MEDICAL DIVISION HEADS

CHILD HYGIENE JULIUS LEVY, M.D.	CONTAGION JOSEPH W. GARDAM, M.D.	CHEST DISEASES IRVING WILLNER, M.D.
VENEREAL DISEASE EDMOND EDELSON, M.D.	OCCUPATIONAL WILLIAM T. RUMAGE, M.D.	CITY DISPENSARY PASCAL BAIOCCHI, M.D.

* * * * * *

CHIEF BACTERIOLOGIST HAROLD A. TARBELL, M.D.	CHIEF VETERINARIAN MICHAEL J. HUGHES, D.V.S.	PATHOLOGIST HARRISON S. MARTLAND, M.D.
CHIEF PHARMACIST OSCAR B. STEVENS, PH.G.	CITY CHEMIST HALSEY DURAND, B.S.	CHIEF DENTAL SUPERVISOR LEO J. MCMANUS, D.D.S.

* * *

CHIEF INSPECTOR, PLUMBING	CHARLES A. HALLGRING
CHIEF INSPECTOR, CONTAGION	WILLIAM S. JENNINGS
CHIEF INSPECTOR, SANITATION	JOHN F. LYNCH
CHIEF INSPECTOR, INDUSTRIAL HYGIENE	CHARLES J. MAGUIRE
CHIEF INSPECTOR, FOOD & DRUG	DAVID E. MORGAN
CHIEF INSPECTOR, FUMIGATION	EDWARD A. SMITH
DIRECTOR, PUBLIC HEALTH NURSING SERVICE	MELVINA H. RYAN, R.N.
SUPERVISOR, CHILD HYGIENE NURSES	MEREDITH EHRICH, R.N.
SUPERVISOR, TUBERCULOSIS NURSES	MAE C. WACKENHUTH, R.N.
SUPERVISOR, PAROCHIAL SCHOOL NURSES	ANNE T. REILLY, R.N.
SUPERVISOR, VISUAL HEALTH EDUCATION	PETER COVEN

DEPARTMENT OF HEALTH

Memphis, Tn. 38

HEALTH OFFICER - - - - - - - - - - - - - - - - ALBERT H. MEMPHIS, M.D., M.P.H.

ASSISTANT HEALTH OFFICERS

ROBERT F. MORGAN
EXECUTIVE DIVISION

CHRISTOPHER G. MUDGETT, M.
SPECIAL DIVISION

JOSEPH E. CROWLEY
FOOD & DRUG DIVISION

MEDICAL DIVISION HEADS

CHIEF MEDICINE
MARTIN LEVY, M.D.

CONTROL
JOHN H. LUCIAN, M.D.

CHIEF SURGEON
IRVING GOLDBERG, M.D.

VENEREAL DISEASE
LORENZO EMERSON, M.D.

CONSULTATIONS
MILTON S. MORGAN, M.D.

CITY BACTERIOLOGY
VASCAL RAMSDEN, M.D.

* * *

CHIEF BACTERIOLOGIST
HAROLD M. TARBELL, M.D.

CHIEF VETERINARIAN
MICHAEL A. MORRIS, D.V.M.

PATHOLOGIST
HARRISON S. NORTLAND, M.D.

CHIEF PHARMACIST
LUCAS T. BREWER, PH.G.

CITY CHEMIST
HALSEY QUERAND, B.S.

CHIEF DENTAL SURGEON
LEE L. VERMONT, D.D.S.

* * *

CHIEF INSPECTOR, PLUMBING — CHARLES A. HALLORAN

CHIEF INSPECTOR, CONTAGION — SULLIVAN S. JENKINS

CHIEF INSPECTOR, SANITATION — JOHN T. LYNCH

CHIEF INSPECTOR, INDUSTRIAL HYGIENE — CHARLES L. WAGNER

CHIEF INSPECTOR, FOOD & DRUGS — DAVID E. JORDAN

CHIEF INSPECTOR, ADMINISTRATION — EDWARD A. SMITH

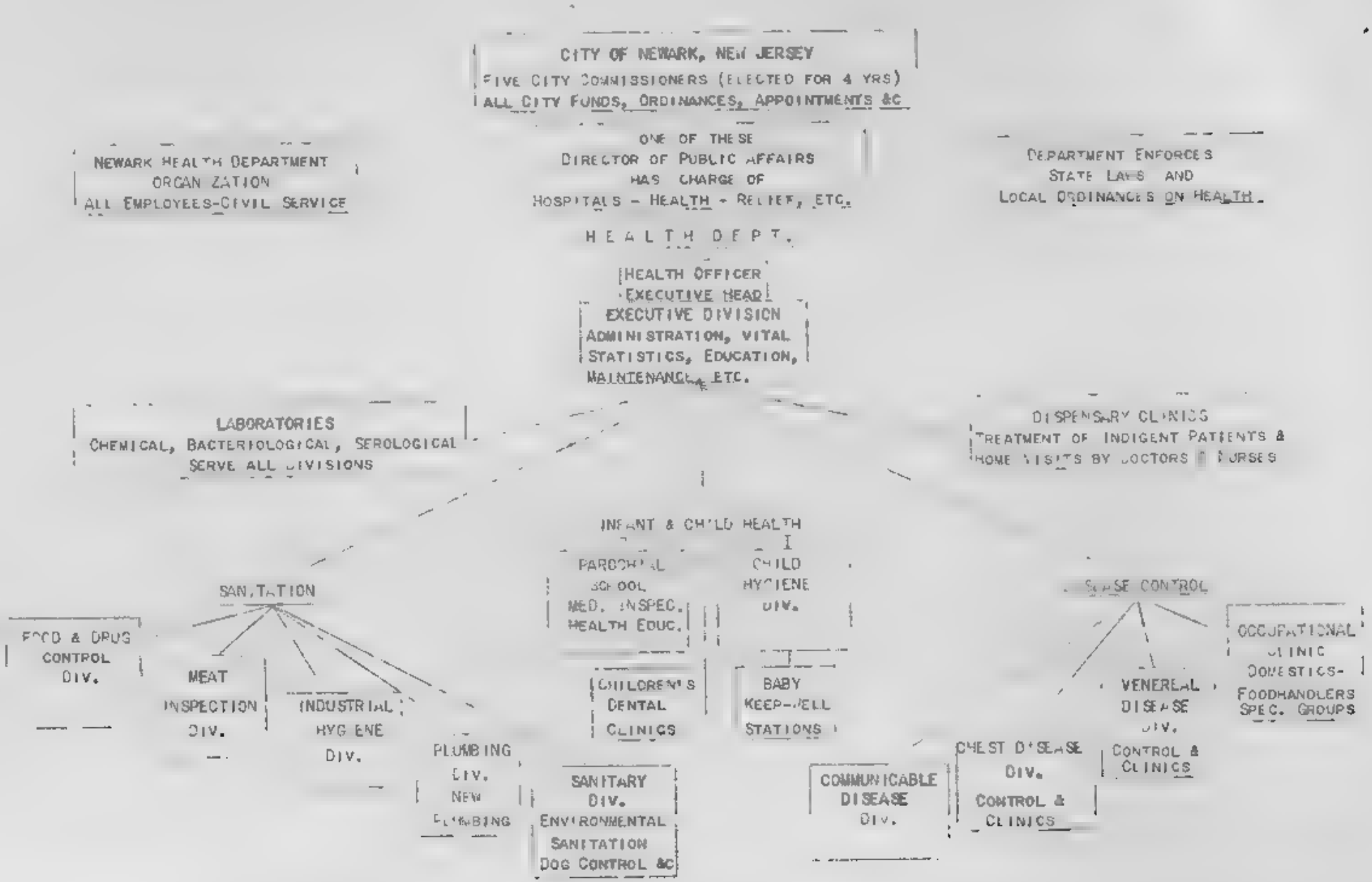
INSPECTOR, PUBLIC HEALTH NURSING SERVICES — MARGARET M. RYAN, R.N.

SUPERVISOR, CHILD HYGIENE NURSES — CHRISTINE FRANCIS, R.N.

SUPERVISOR, TUBERCULOSIS NURSES — [illegible], R.N.

SUPERVISOR, [illegible] — [illegible], R.N.

SUPERVISOR, [illegible] — [illegible]


CITY OF NEWARK, NEW JERSEY
FIVE CITY COMMISSIONERS (ELECTED FOR 4 YRS)
ALL CITY FUNDS, ORDINANCES, APPOINTMENTS &C
NEWARK HEALTH DEPARTMENT
ORGANIZATION
ALL EMPLOYEES-CIVIL SERVICE
ONE OF THESE
DIRECTOR OF PUBLIC AFFAIRS
HAS CHARGE OF
HOSPITALS - HEALTH - RELIEF, ETC.
DEPARTMENT ENFORCES
STATE LAWS AND
LOCAL ORDINANCES ON HEALTH.
HEALTH DEPT.
HEALTH OFFICER
EXECUTIVE HEAD
EXECUTIVE DIVISION
ADMINISTRATION, VITAL
STATISTICS, EDUCATION,
MAINTENANCE, ETC.
LABORATORIES
CHEMICAL, BACTERIOLOGICAL, SEROLOGICAL
SERVE ALL DIVISIONS
DISPENSARY CLINICS
TREATMENT OF INDIGENT PATIENTS &
HOME VISITS BY DOCTORS & NURSES
INFANT & CHILD HEALTH
PAROCHIAL
SCHOOL
MED. INSPEC.
HEALTH EDUC.
CHILD
HYGIENE
DIV.
SANITATION
FOOD & DRUG
CONTROL
DIV.
MEAT
INSPECTION
DIV.
INDUSTRIAL
HYGIENE
DIV.
PLUMBING
DIV.
NEW
PLUMBING
CHILDREN'S
DENTAL
CLINICS
BABY
KEEP-WELL
STATIONS
SANITARY
DIV.
ENVIRONMENTAL
SANITATION
DOG CONTROL &C
DISEASE CONTROL
OCCUPATIONAL
CLINIC
DOMESTICS-
FOODHANDLERS
SPEC. GROUPS
VENEREAL
DISEASE
DIV.
CONTROL &
CLINICS
CHEST DISEASE
DIV.
CONTROL &
CLINICS
COMMUNICABLE
DISEASE
DIV.

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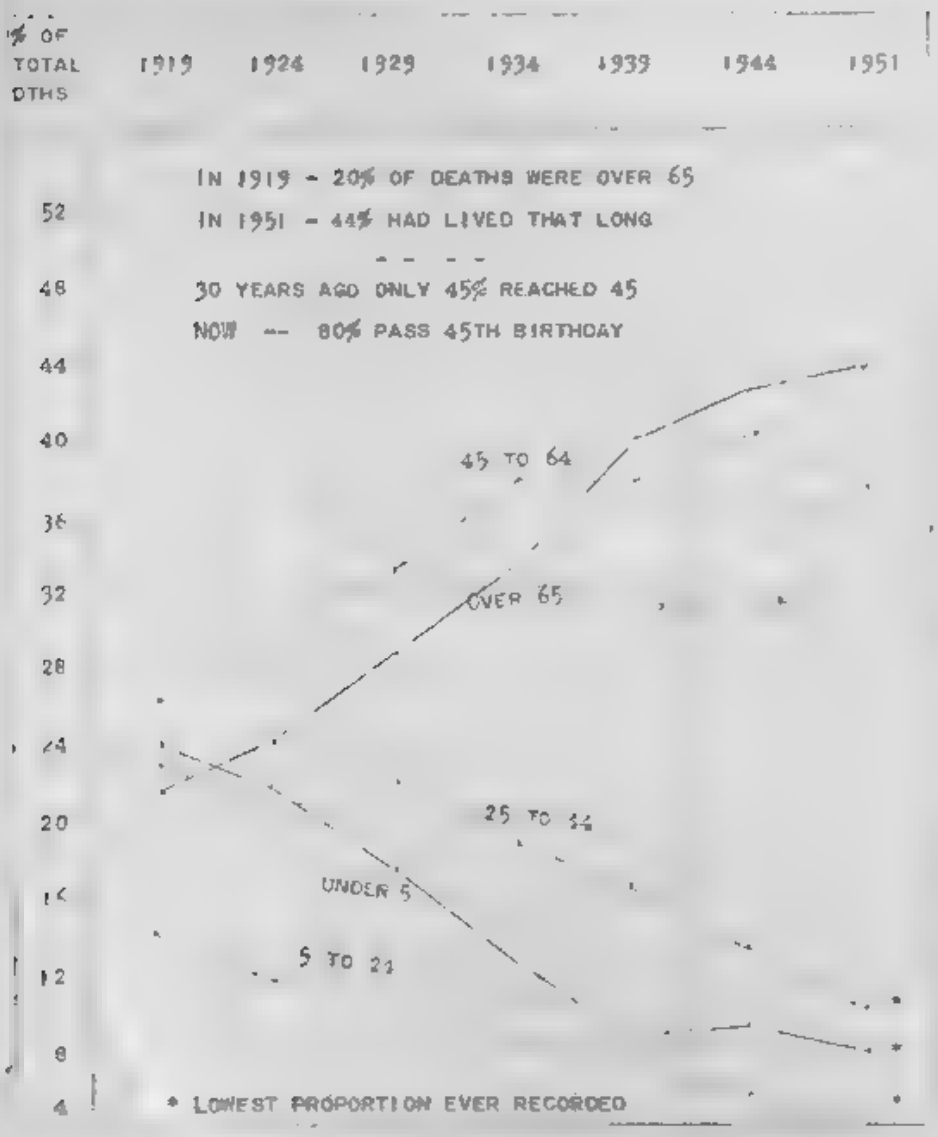
NEWARK - NJ

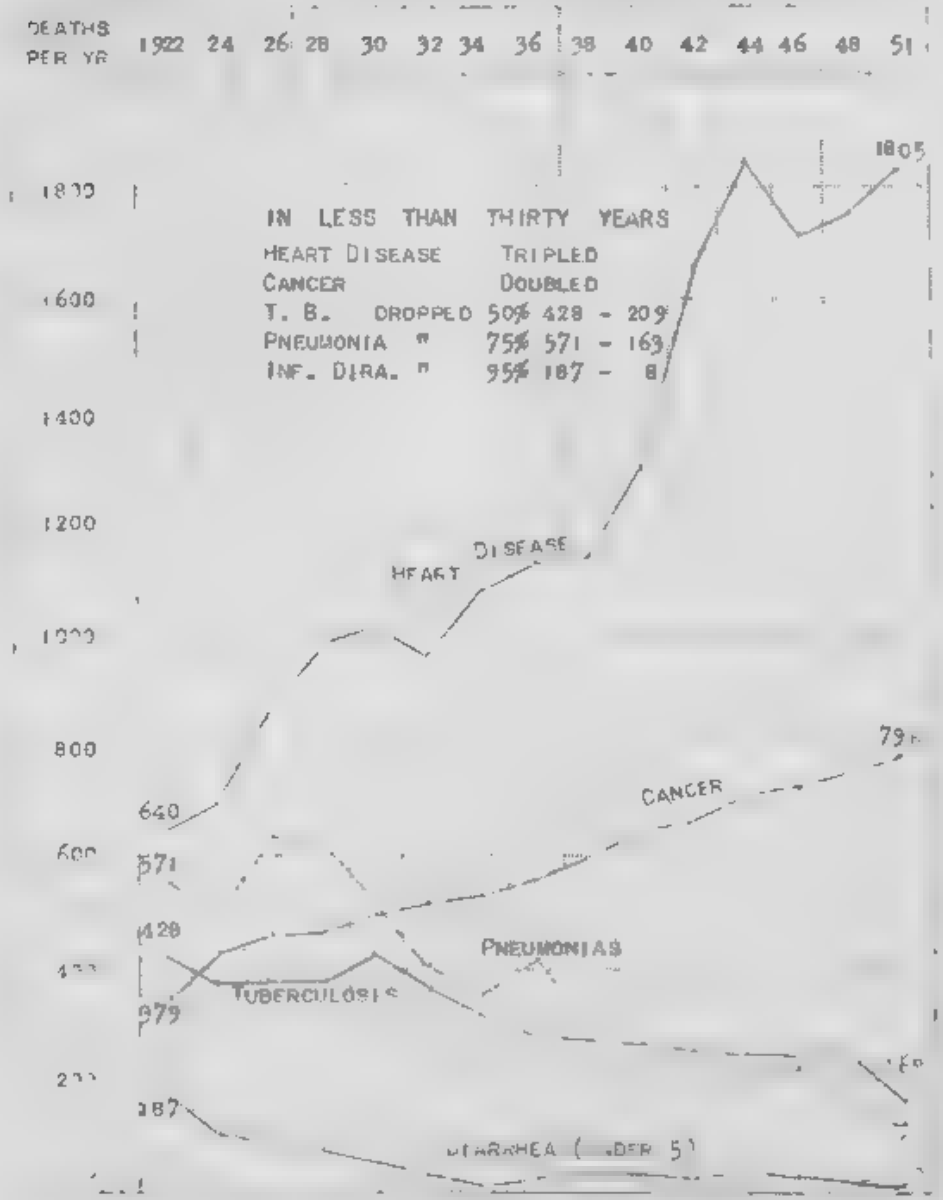
MORTALITY TRENDS BY AGE

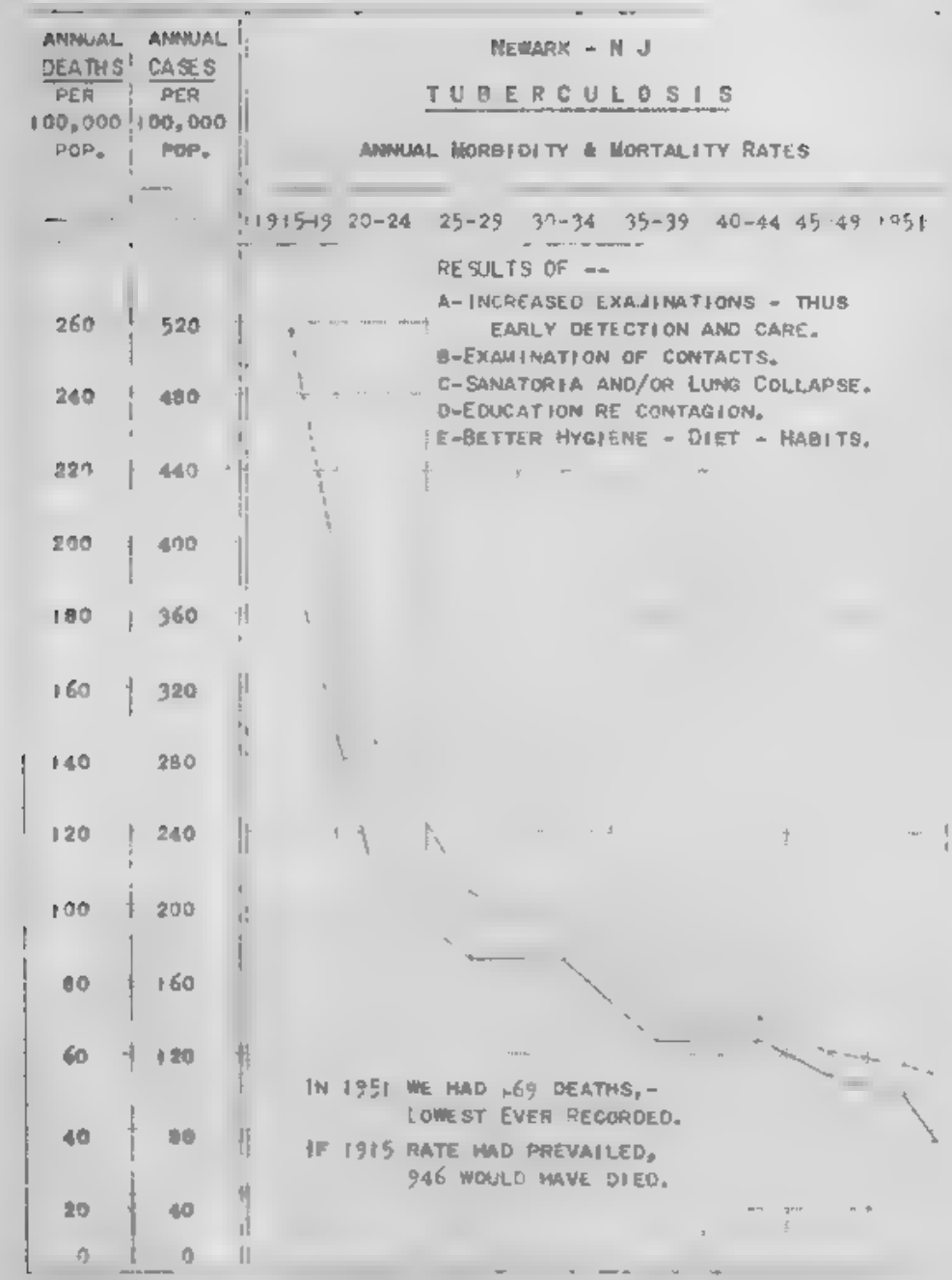
PEOPLE LIVE LONGER

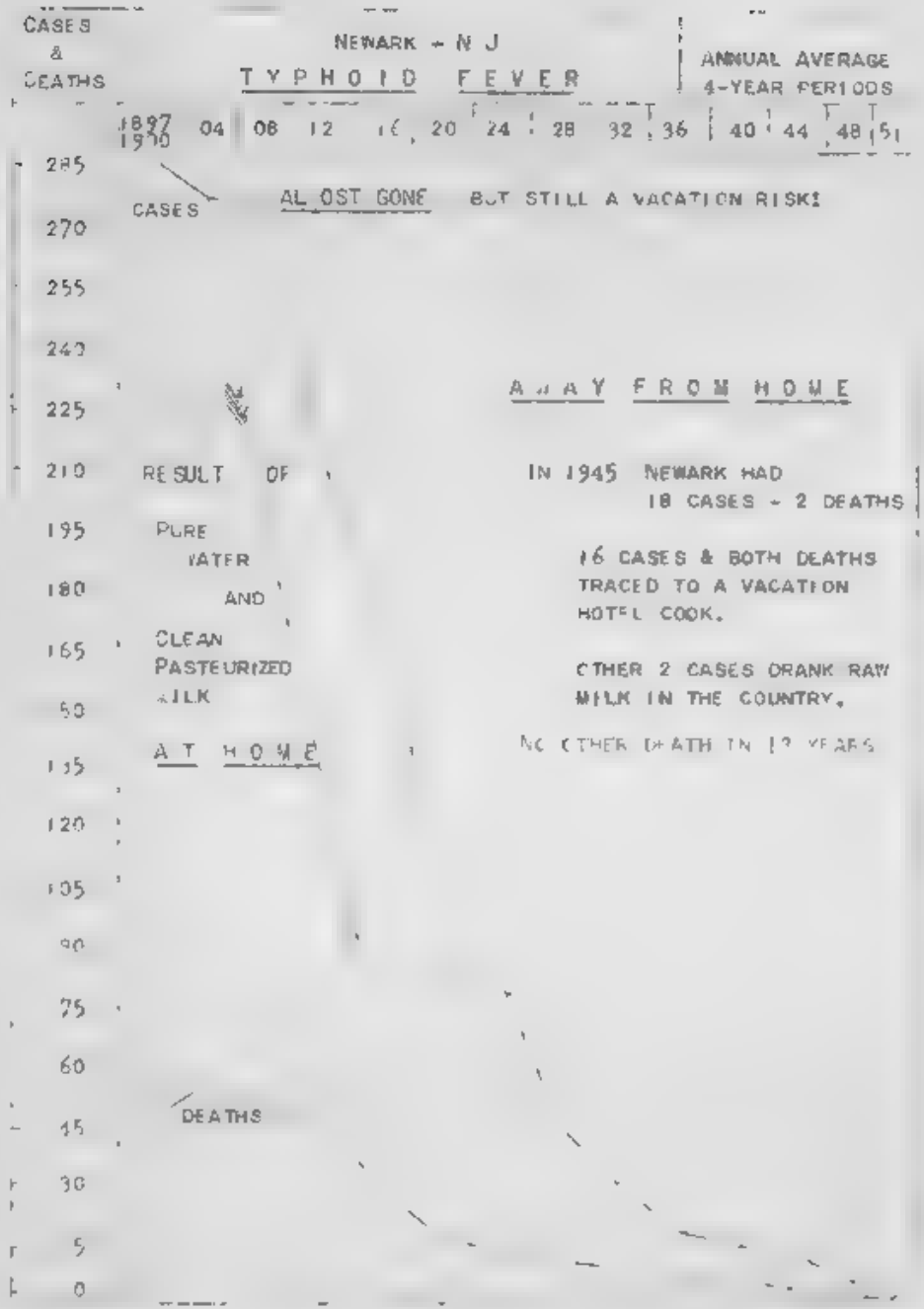


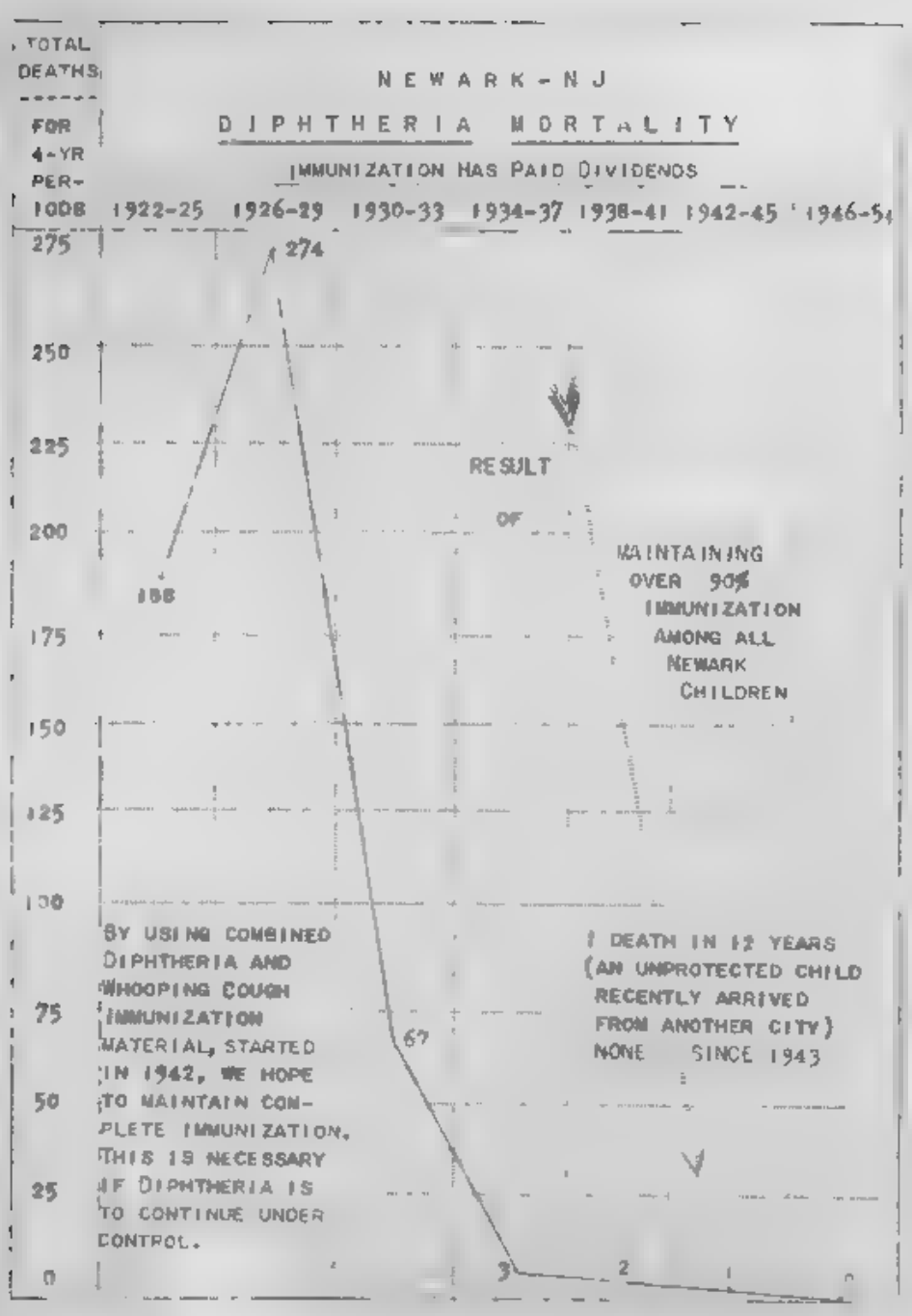
NEWARK - NJ

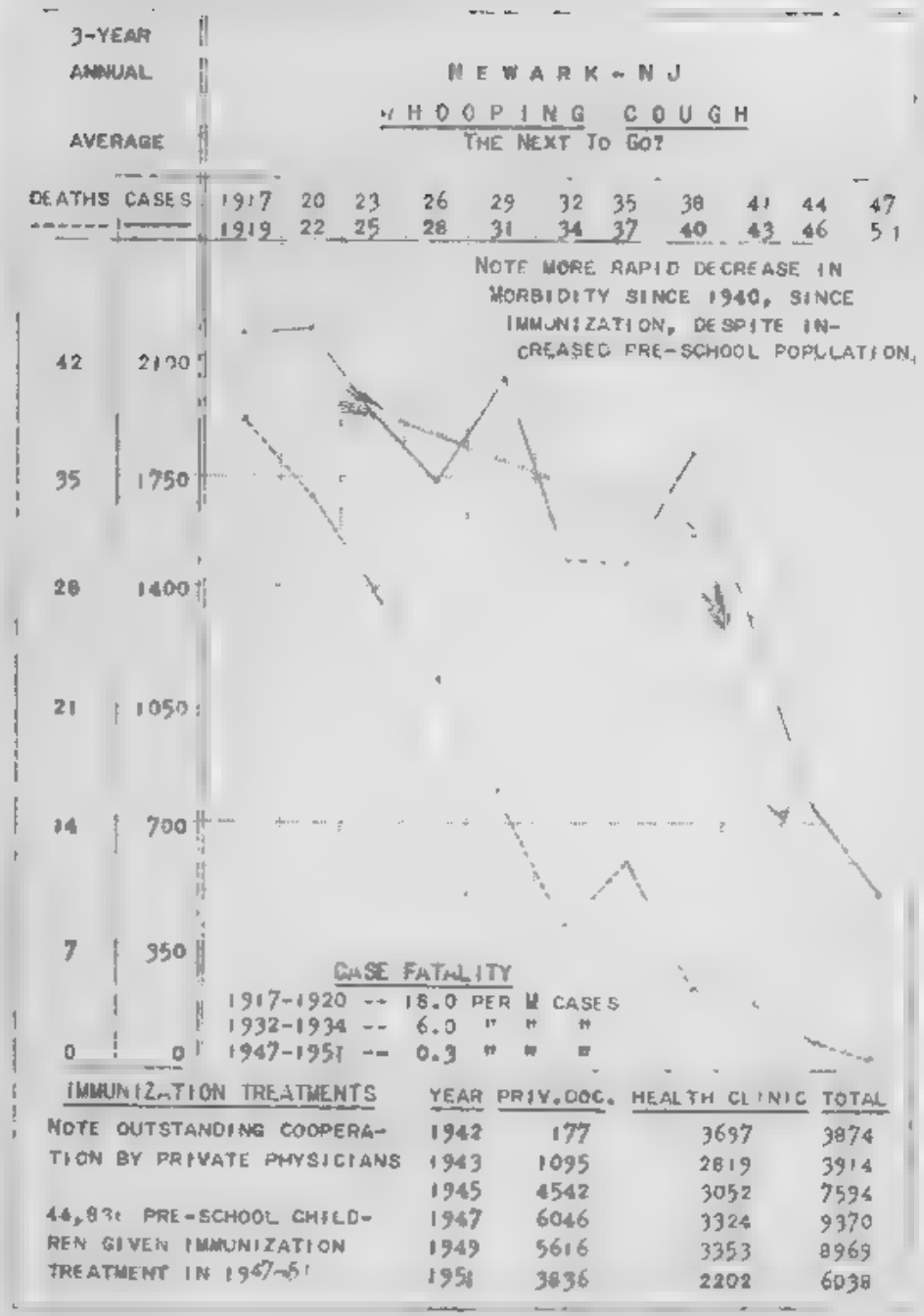
TRENDS IN MAJOR CAUSES OF DEATH




ANNUAL DEATHS PER 100,000 POP.
ANNUAL CASES PER 100,000 POP.
NEWARK - N J
TUBERCULOSIS
ANNUAL MORBIDITY & MORTALITY RATES
1915-19 20-24 25-29 30-34 35-39 40-44 45-49 1951
260 520
240 480
220 440
200 400
180 360
160 320
140 280
120 240
100 200
80 160
60 120
40 80
20 40
0 0
RESULTS OF --
A-INCREASED EXAMINATIONS - THUS EARLY DETECTION AND CARE.
B-EXAMINATION OF CONTACTS.
C-SANATORIA AND/OR LUNG COLLAPSE.
D-EDUCATION RE CONTAGION.
E-BETTER HYGIENE - DIET - HABITS.
IN 1951 WE HAD 469 DEATHS,- LOWEST EVER RECORDED.
IF 1915 RATE HAD PREVAILED, 946 WOULD HAVE DIED.


CASES & DEATHS
NEWARK - N J
TYPHOID FEVER
ANNUAL AVERAGE 4-YEAR PERIODS
1897 1900 04 08 12 16 20 24 28 32 36 40 44 48 51
285
270
255
240
225
210
195
180
165
150
135
120
105
90
75
60
45
30
15
0
CASES
ALMOST GONE BUT STILL A VACATION RISK!
RESULT OF
PURE WATER AND CLEAN PASTEURIZED MILK
AT HOME
AWAY FROM HOME
IN 1945 NEWARK HAD 18 CASES - 2 DEATHS
16 CASES & BOTH DEATHS TRACED TO A VACATION HOTEL COOK.
OTHER 2 CASES DRANK RAW MILK IN THE COUNTRY.
NO OTHER DEATH IN 12 YEARS
DEATHS





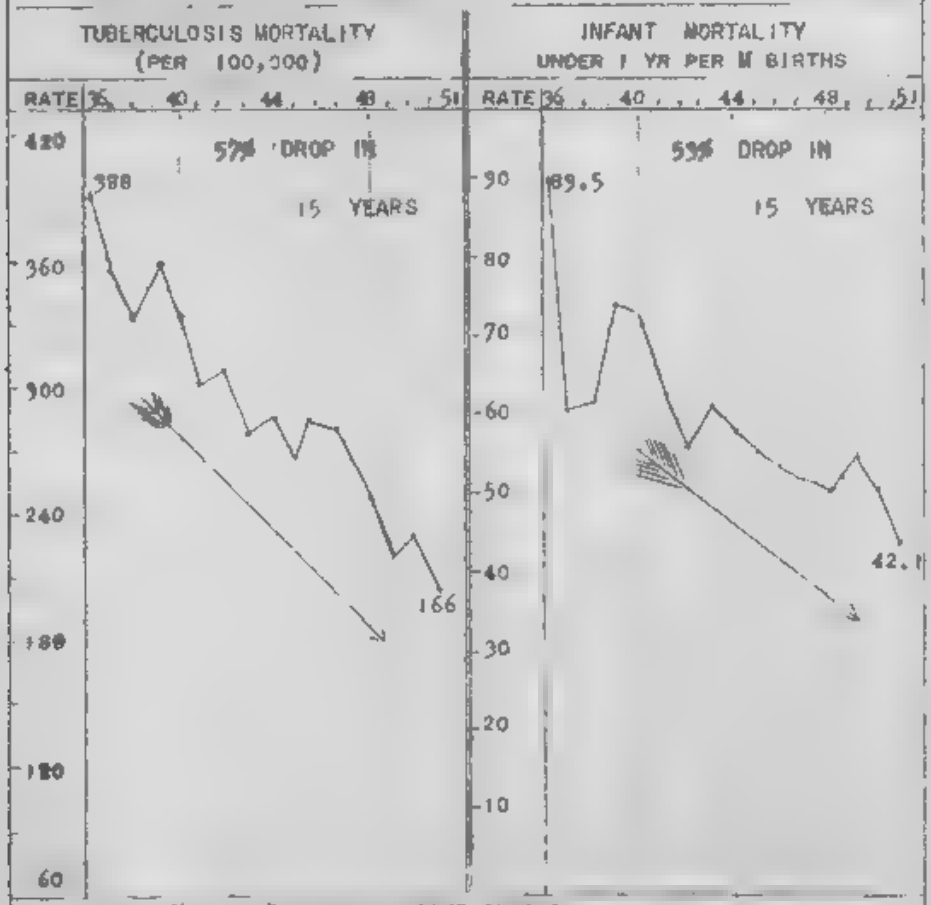
IMMUNIZATION TREATMENTS	YEAR	PRIV. DOC.	HEALTH CLINIC	TOTAL
NOTE OUTSTANDING COOPERATION BY PRIVATE PHYSICIANS	1942	177	3697	3874
	1943	1095	2819	3914
	1945	4542	3052	7594
44,831 PRE-SCHOOL CHILDREN GIVEN IMMUNIZATION TREATMENT IN 1947-51	1947	6046	3324	9370
	1949	5616	3353	8969
	1951	3836	2202	6038

NEWARK - N J

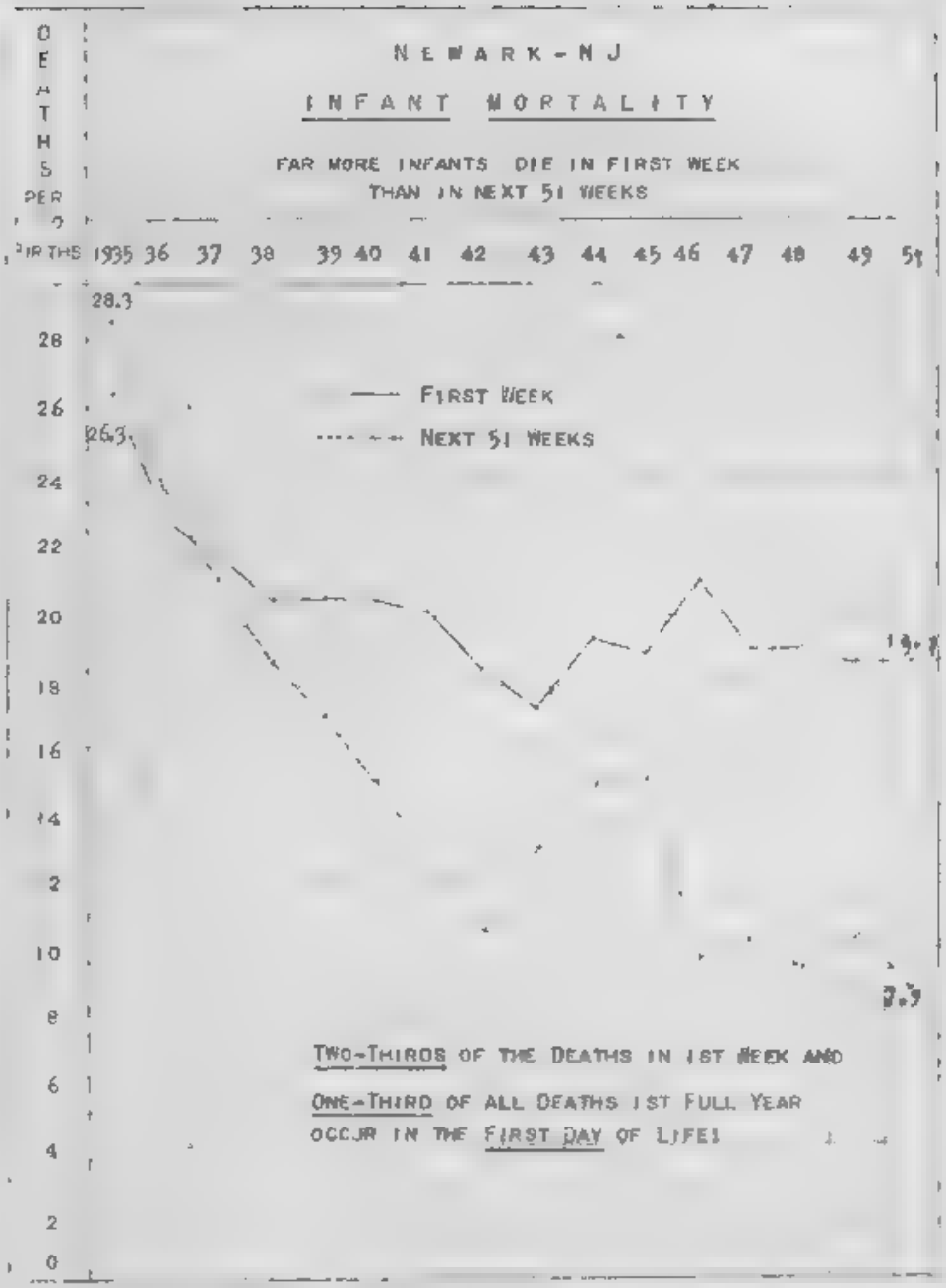
NEGRO HEALTH RATES

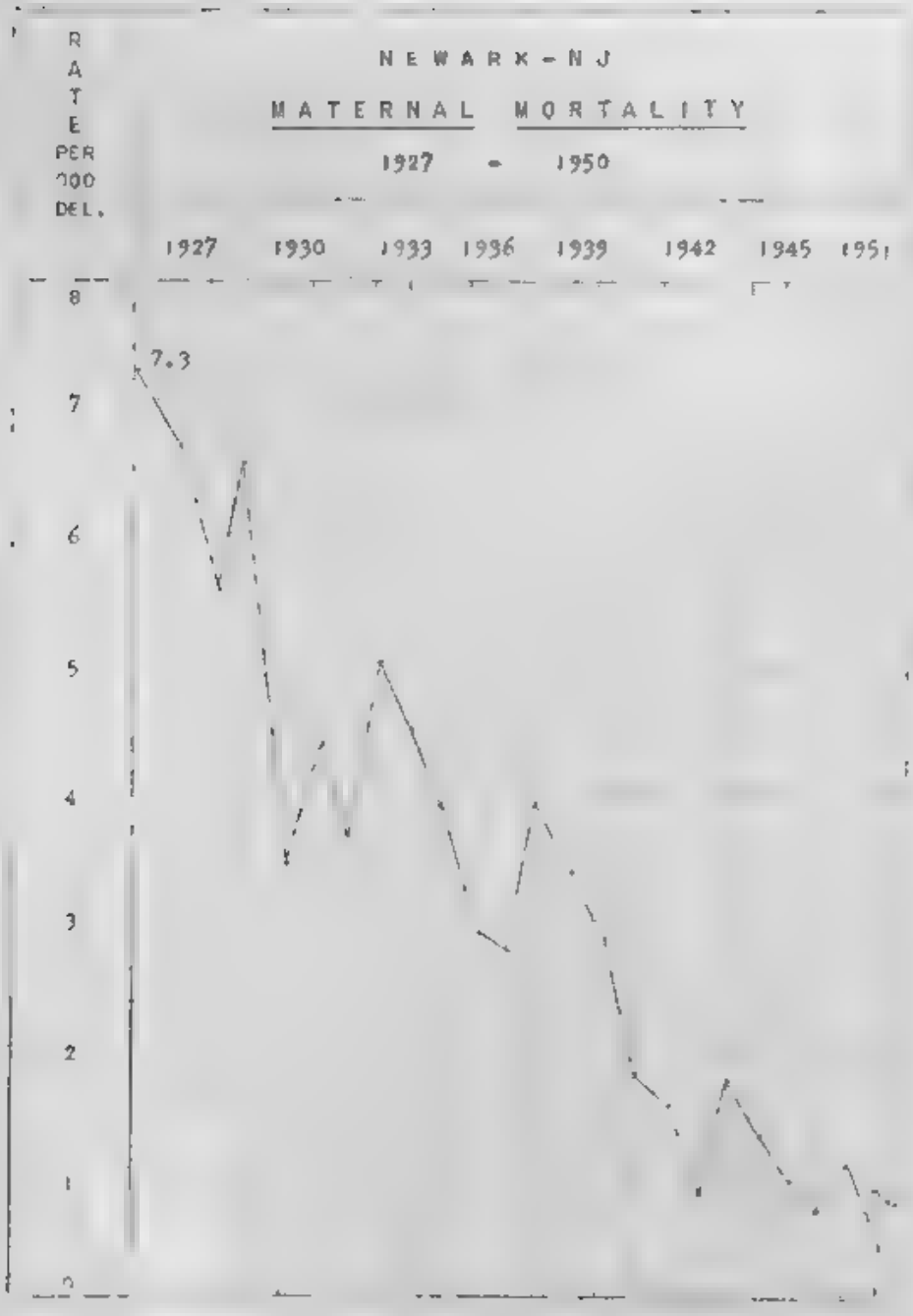
1936 - 1951

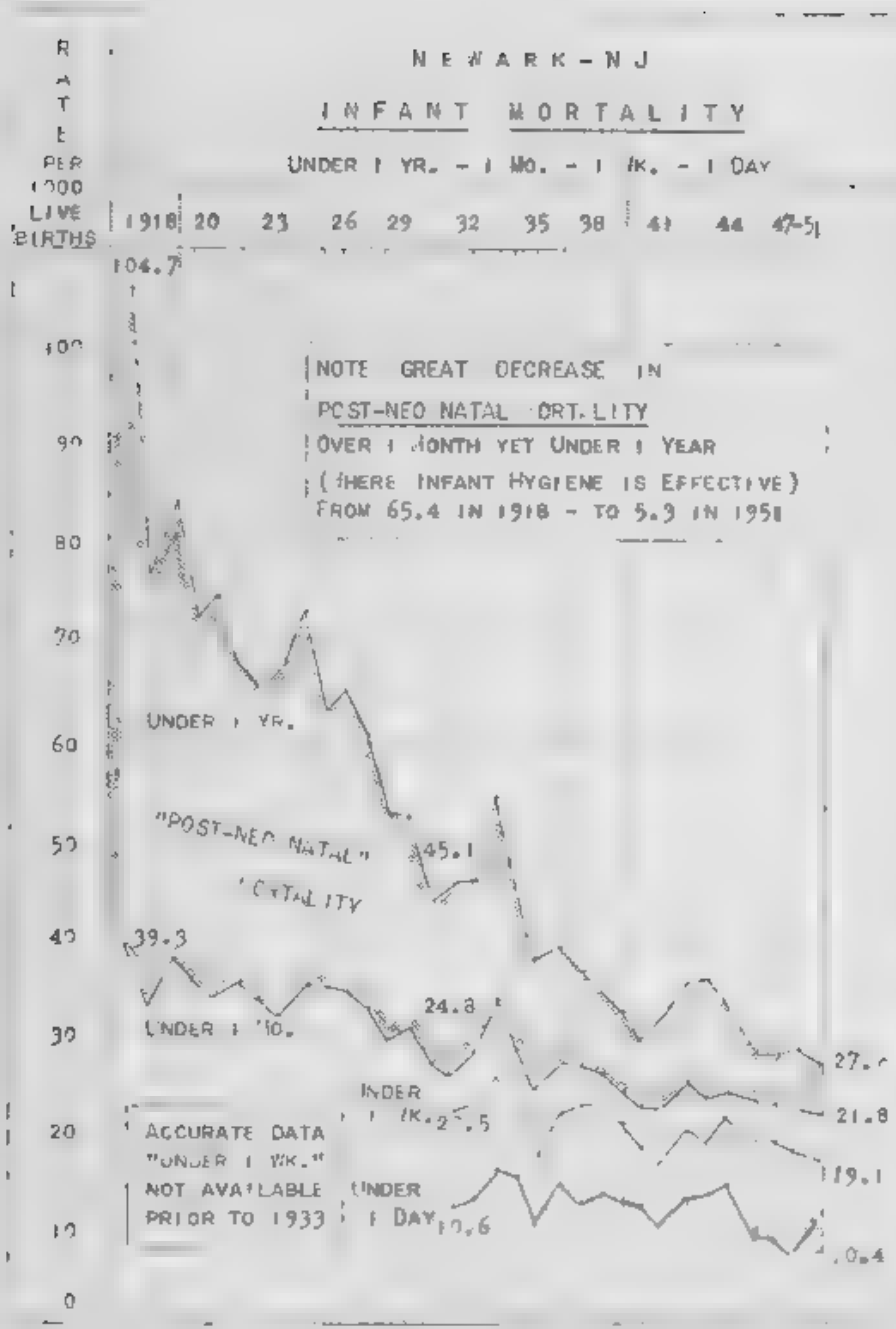
WITH 12% OF OUR POPULATION, THE VAST MAJORITY OF WHOM MUST LIVE IN THE MOST OVER-CROWDED, BELOW-STANDARD HOUSING, NEGRO HEALTH RATES ARE VITAL STATISTICS INDEED. OUR ESTIMATE OF 50,000 IS PROBABLY LOW. IF 1950 CENSUS SHOWS MORE, THEN OUR IMPROVEMENT IN RATES WILL BE EVEN MORE ENCOURAGING.



NOTE - DURING THE SAME PERIOD -
GENERAL MORTALITY DROPPED FROM 18.8 TO 16.1
MATERNAL MORTALITY FROM 9.1 TO 0.4




NEWARK-NJ
MATERNAL MORTALITY
1927 - 1950
RATE PER 1000 DEL.
1927
1930
1933
1936
1939
1942
1945
1951
7.3


NEWARK-NJ
INFANT MORTALITY
UNDER 1 YR. - 1 MO. - 1 WK. - 1 DAY
RATE PER 1000 LIVE BIRTHS
1918
20
23
26
29
32
35
38
41
44
47-51
104.7
NOTE GREAT DECREASE IN
POST-NEO NATAL MORTALITY
OVER 1 MONTH YET UNDER 1 YEAR
(WHERE INFANT HYGIENE IS EFFECTIVE)
FROM 65.4 IN 1918 - TO 5.9 IN 1951
UNDER 1 YR.
"POST-NEO NATAL" MORTALITY
45.1
39.3
UNDER 1 MO.
24.8
27.
UNDER 1 WK.
21.8
19.1
UNDER 1 DAY
10.6
0.4
ACCURATE DATA "UNDER 1 WK." NOT AVAILABLE PRIOR TO 1933

HEALTH REPORT - 1951

NEWARK N. J

AARON H. HASKIN, M.D., M.P.H. -- HEALTH OFFICER

TO HONORABLE STEPHEN J. MORAN, DIRECTOR OF PUBLIC AFFAIRS

AND TO THE CITIZENS OF NEWARK, N. J.

NEWARK'S HEALTH -- 1951

DURING THE PAST YEAR SICKNESS AND DEATH RATES IN NEWARK CONTINUED TO BE EXCELLENT AND THOSE RATES CONSIDERED TO BE THE MOST SIGNIFICANT IN DETERMINING PUBLIC HEALTH, AGAIN SET "LOWEST EVER" RECORDS, NAMELY INFANT, TUBERCULOSIS AND MATERNAL MORTALITY. SUCH RECORDS ARE NOT MERE COINCIDENT. ONLY BY CONTINUED, ENERGETIC AND INTELLIGENT EXPENDITURE OF EFFORT CAN THEY BE IMPROVED OR EVEN CONTINUED.

THERE WERE 5,16. DEATHS FROM ALL CAUSES IN 1951 INCLUDING 9 2 NON-RESIDENTS WHO DIED IN NEWARK HOSPITALS. THIS GAVE US A CRUDE MORTALITY RATE OF 11.5 PER 1000 POPULATION, OR THE SAME AS IN 1950 AND SLIGHTLY LESS THAN THE NORMAL RATE FOR THE PAST TEN YEARS.

BIRTHS NUMBERED 4,020 DURING THE YEAR OR A RATE OF 31.6 PER 1000 POPULATION. THIS IS A CHANGE FROM THE SLOW DECLINE EACH YEAR SINCE THE HIGH PEAK OF 947. THE BIRTH RATE HAD RAPIDLY INCREASED FROM THE LOWEST RATE EVER RECORDED WHICH WAS 15.8 IN 936 UNTIL IT REACHED THE HIGH PEAK OF 14,710 OR A BIRTH RATE OF 33.. IN 1947. IT THEN DECLINED FOR THREE YEARS UNTIL THIS YEAR.

ITEMS OF SPECIAL INTEREST

INFANT MORTALITY AGAIN-LOWEST EVER

INFANT MORTALITY ONCE AGAIN SET A NEW LOW RECORD. THERE WERE 379 DEATHS UNDER ONE YEAR OF AGE WHICH GAVE A RATE OF 27.0 PER 1000 LIVING BIRTHS, A SLIGHT REDUCTION FROM THE PREVIOUS LOW RECORD IN 1950.

WHEN INFANT HYGIENE WAS STARTED AS A PUBLIC HEALTH PROJECT LESS THAN FORTY YEARS AGAO, THE RATE AVERAGED 96 DEATHS UNDER ONE YEAR PER 1000 BIRTHS. THE GOAL WAS TO REDUCE THAT RATE 50%, AND IT WAS REACHED IN 932 WHEN IT FELL BELOW 50. IN 1937 IT FELL BELOW 40 AND IN 1942 IT FELL BELOW 30. IT HAS BEEN BELOW 30 FOR FIVE YEARS. HAD THE RATE OF 39 YEARS AGO PREVAILED, 1,344 BABIES UNDER ONE YEAR OF AGE WOULD HAVE DIED LAST YEAR INSTEAD OF 379, A SAVING OF 965 BABIES' LIVES IN ONE YEAR. AN EVEN FAIRER WAY OF APPRAISING REDUCTION IN INFANT MORTALITY IS THE RATE WE CALL POST-NEONATAL MORTALITY OR THE DEATHS AMONG INFANTS WHO SURVIVED THE FIRST MONTH BUT DIED BETWEEN ONE MONTH AND ONE YEAR OF AGE. VERY LITTLE CAN BE DONE TO PREVENT MOST INFANT DEATHS WHICH OCCUR IN THE FIRST MONTH AS MOST OF THEM ARE DUE TO CONGENITAL CONDITIONS OR ACCIDENTS AT BIRTH. THIRTY YEARS AGO THAT RATE WAS 46 PER 1000, THIS YEAR, THE NEW LOW ESTABLISHED LAST YEAR OF 5.3, WAS EQUALLED, OR A REDUCTION OF ALMOST 90%. CYNICS SOME YEARS AGO CLAIMED THAT REDUCING INFANT MORTALITY UNDER ONE YEAR OF AGE WAS MERELY PROLONGING THE LIVES OF SICKLY BABIES WHO WOULD DIE IN THE NEXT FEW YEARS ANYWAY. THAT THIS IS NOT SO IS PROVEN BY THE FACT THAT EVERY AGE GROUP FROM ONE YEAR OF AGE TO FORTY-FIVE YEARS OF AGE HAS STEADILY AND CONSIDERABLY DROPPED. FOR EXAMPLE, ALL DEATHS UNDER FIVE YEARS IN 1950 WAS 427 OR 8% OF TOTAL. THIRTY YEARS AGO IT WAS 23%. THE TOTAL DEATHS UNDER TWENTY-FIVE NUMBERED 521 OR 10% OF TOTAL, THE LOWEST EVER, COMPARED WITH 1,200 AND 25% THIRTY YEARS AGO.

TUBERCULOSIS MORTALITY LOWEST EVER

THE 169 DEATHS FROM TUBERCULOSIS (ALL FORMS) GAVE A MORTALITY RATE OF 38. PER 100,000, BY FAR THE LOWEST NUMBER OF DEATHS AND THE LOWEST RATE IN OUR HISTORY, (IN FACT 20% BELOW THE PREVIOUS RECORD.)

THIS RATE IN PARTICULAR IS ENCOURAGING INASMUCH AS TUBERCULOSIS IS SERIOUSLY AFFECTED BY POOR LIVING CONDITIONS, OVERCROWDING, LACK OF FACILITIES, LOW INCOME, ETC. FORTUNATELY IT USUALLY REQUIRES FREQUENT OR MASS EXPOSURE TO SPREAD. THERE CAN BE NO QUESTION, HOWEVER, THAT IN SLUM DWELLINGS, WHICH ARE STILL WITH US, WHERE MANY ADULTS AND CHILDREN LIVE IN OVERCROWDED QUARTERS, WITH INSUFFICIENT OR DEFECTIVE SANITATION FACILITIES, MASS EXPOSURE IS ALMOST CERTAIN TO OCCUR. DURING THE PAST YEAR OUR ENVIRONMENTAL SANITATION DIVISION CONTINUED A CONCENTRATED DRIVE IN THE MOST CONGESTED AREAS. (SEE SANITARY DIVISION). ALTHOUGH THE FINAL SOLUTION TO OUR HOUSING PROBLEM IS THE ELIMINATION OF THESE DWELLINGS AND THE CONSTRUCTION OF PROPER HOUSING, THERE UNDOUBTEDLY WAS BROUGHT ABOUT CONSIDERABLE IMPROVEMENT IN MANY OF THESE BELOW-PAR TENEMENTS.

CARE OF SICK POOR — IN ADDITION TO THE MANY TYPES OF WORK WHICH CONTRIBUTE TO BETTER MORTALITY RATES, THERE ARE MANY FIELDS OF PUBLIC SERVICE CARRIED OUT BY THE HEALTH DEPARTMENT BUT NOT REALIZED BY THE AVERAGE PUBLIC. FOR EXAMPLE, A MAJOR PORTION OF OUR ENTIRE BUDGET (MORE THAN 25%, OR $375,000) IS USED FOR THE MEDICAL CARE OF THE SICK POOR. THIS INCLUDES ALL OF THAT WORK OTHER THAN CARE OF PATIENTS ACTUALLY IN HOSPITALS. IT PROVIDED MORE THAN 8,000 VISITS TO HOMES BY PHYSICIANS, AND INCIDENTALLY THE FAMILY HAD THEIR CHOICE OF PHYSICIANS; AND 4,341 HOME VISITS BY NURSES OF THE VISITING NURSE ASSOCIATION WERE PAID FOR. WE CONDUCT A CITY DISPENSARY PROVIDING TREATMENT FOR PRACTICALLY EVERY CONDITION, WITH MORE THAN 60,000 TREATMENTS 44,809 FREE PRESCRIPTIONS. DENTAL CLINICS ARE PROVIDED NOT ONLY FOR ADULTS BUT FOR ALL POOR CHILDREN IN THIS CITY INCLUDING BOTH PUBLIC AND PAROCHIAL SCHOOL CHILDREN. THESE DENTAL CLINICS FOR CHILDREN ARE LOCATED IN 10 DIFFERENT NEIGHBORHOODS OF THE CITY.

INFANT MENTAL HYGIENE — OUR CHILD HYGIENE NURSES MADE 91,484 HOME CALLS AT WHICH THEY NOT ONLY SEE THAT THE MOTHER HAS THE SERVICES OF A PEDIATRICIAN, OR VISITS A BABY-STATION IF THEY CANNOT AFFORD TO PAY A DOCTOR, BUT ALSO TO INSTRUCT AS TO DIET, SANITARY FEEDING PRACTICES, IMMUNIZATION AND MANY OTHER PHYSICAL MATTERS. THEY EVEN INSTRUCT THE MOTHERS SO THAT THEY MAY RECOGNIZE AND PROPERLY HANDLE UNUSUAL BEHAVIOR PROBLEMS, WHICH, IF NOT HANDLED INTELLIGENTLY AND SCIENTIFICALLY, WOULD OFTEN RESULT IN JUVENILE DELINQUENCY AND WARPED ADULT PERSONALITIES. ALL THOSE NURSES HAVE COLLEGE TRAINING IN THAT SPECIAL FIELD.

FOOD HANDLER LECTURES — TO PREVENT FOOD INFECTIONS, WE NOT ONLY INSPECT FOOD PLACES AND EXAMINE FOOD HANDLERS, BUT OUR DEPARTMENT PROVIDES LECTURE COURSES FOR FOOD HANDLERS WHICH ARE ATTENDED BY MORE THAN 1000 EACH YEAR.

GENERAL MORTALITY

DEATHS FROM ALL CAUSES NUMBERED 5,161 OR A CRUDE RATE OF 11.5 PER 1000 ON AN ESTIMATED POPULATION OF 443,000. THIS WAS THE SAME AS 1950 AND SLIGHTLY BELOW THE TEN YEAR NORMAL OF 11.6. AS NEWARK HAS ALWAYS BEEN A HOSPITAL CENTER FOR MANY NEARBY COMMUNITIES, NON-RESIDENT DEATHS IN NEWARK FAR EXCEED THE DEATHS OF NEWARKERS DYING OUT OF TOWN. SUBTRACTING THE 912 NON-RESIDENT DEATHS, BUT INCLUDING 85 KNOWN DEATHS (MOSTLY TUBERCULOSIS) OF NEWARKERS, IN OUTSIDE INSTITUTIONS, WE HAVE A TOTAL OF 4,249 DEATHS AND AN ADJUSTED MORTALITY RATE OF 9.6, ONE POINT HIGHER THAN 1949 WHICH WAS THE LOWEST ON RECORD.

CRUDE AND ADJUSTED DEATH RATES

YEAR	POPULATION	CRUDE DEATHS	CRUDE DEATHS RATE	ADJUSTED DEATHS	ADJUSTED DEATH RATE
1940	429,000	5,025	11.7	4,762	11.1
1941	429,000	4,983	11.6	4,415	10.3
1942	429,000	5,090	11.9	4,659	10.8
1943	440,000	5,523	12.6	5,043	11.5
1944	440,000	5,052	11.6	4,535	10.3
1945	443,000	5,141	11.6	4,586	10.4
1946	443,000	4,937	11.1	4,395	9.9
1947	445,000	5,097	11.2	4,411	9.9
1948	445,000	5,222	11.7	4,382	9.8
1949	443,000	5,086	11.5	4,229	9.5
1950	443,000	5,126	11.5	4,292	9.6
1951	443,000	5,161	11.5	4,249	9.6

PRINCIPAL CAUSES OF DEATH

THE MAJOR CAUSES OF OUR 5,6 NEWARK DEATHS, INCLUDING ALL NON-RESIDENTS AND 77 TUBERCULOSIS DEATHS OF NEWARKERS IN OUT-OF-TOWN SANATORIA, WERE AS FOLLOWS:

	1948	1949	1950	1951
ORGANIC HEART DISEASE	1804	1728	1862	1805
CANCER	780	795	791	795
APOPLEXY	485	478	428	399
CONGENITAL CONDITIONS	317	301	293	322
BRIGHT'S DISEASE	276	249	246	259
PNEUMONIA & RESPIRATORY DISEASES	235	243	262	235
TUBERCULOSIS	232	211	209	169

TUBERCULOSIS (LOWEST EVER) THE 169 DEATHS FROM TUBERCULOSIS (ALL FORMS) GAVE A MORTALITY RATE OF 38.1 PER 100,000, THE LOWEST NUMBER OF DEATHS AND THE LOWEST RATE IN OUR HISTORY. THIS RATE, WHEN TUBERCULOSIS WORK WAS STARTED, SOME 40 YEARS AGO, AVERAGED 200. HAD THAT RATE PREVAILED IN 1951, WE WOULD HAVE HAD 900 DEATHS INSTEAD OF 169. THE PRESENT DROP IS PARTICULARLY ENCOURAGING. FOR OVER 25 YEARS, UP TO 1944, THE DROP HAD BEEN STEADY FROM YEAR TO YEAR, BUT FOR THREE YEARS, IT REMAINED STATIONARY BETWEEN 55 AND 59. INCREASED EFFORT HAS RENEWED ITS DOWNWARD TREND.

HEART DISEASE THE MAJOR CAUSE OF MORTALITY WAS AGAIN ORGANIC HEART DISEASE WITH 1,805 DEATHS OR MORE THAN ONE-THIRD OF ALL DEATHS. THIS WAS A DECREASE OF 57 FROM THE PREVIOUS YEAR. THE CONSTANT REDUCTION IN DEATHS FROM MORE PREVENTABLE CAUSES HAS NATURALLY CAUSED A GREAT INCREASE IN THE OLDER AGE BRACKETS SO THAT IT IS NATURAL FOR DEGENERATIVE DISEASES (INCLUDING HEART DISEASE TO INCREASE. INCIDENTALLY, 999 OR MORE THAN HALF THE HEART DEATHS WERE OVER 65 YEARS OLD. THAT CAUSE STEADILY INCREASED FROM 500 DEATHS PER YEAR TO 1200 IN THE TWENTY YEARS FROM 1920 TO 1940. THAT STRESS AND STRAIN OF WAR PLAYS A PART, AS WELL AS OLDER AGE, WAS SHOWN WHEN THAT CAUSE INCREASED MORE THAN 50% IN FIVE YEARS TO THE HIGHEST EVER RECORDED OF 1975 SUCH DEATHS IN 1943. APPARENTLY MANY HEART DISEASE CASES DIED THAT YEAR WHO WOULD USUALLY HAVE LIVED SEVERAL YEARS MORE. AS A RESULT OF THAT, HEART DEATHS HAVE DECREASED SLIGHTLY FOR SEVERAL YEARS.

PNEUMONIA MORTALITY ANOTHER CAUSE SHOWING A DECREASE THIS YEAR WAS PNEUMONIA AND OTHER RESPIRATORY DISEASES WITH 235 DEATHS. OF THESE DEATHS ONLY 123 WERE PNEUMONIA, THE LOWEST EVER RECORDED. CASE FATALITY WAS 14%. FORMERLY 20% OF PNEUMONIA CASES DIED, BUT SULPHA DRUGS, SERA, AND PENICILLIN, CUT THAT RATE ALMOST IN HALF. ALMOST 30% OF OUR PNEUMONIA DEATHS WERE OVER 65 YEARS OF AGE.

DIPHTHERIA THERE HAS BEEN NO DIPHTHERIA DEATH IN NEWARK IN THE PAST EIGHT YEARS AND NO CASE IN THE PAST THREE YEARS. IN FACT, THERE HAS BEEN ONLY 19 CASES AND 1 DEATH IN TWELVE YEARS. THAT ONE DEATH WAS AN UNIMMUNIZED CHILD WHO HAD RECENTLY COME TO NEWARK. DIPHTHERIA ONLY TWENTY YEARS AGO CAUSED MORE THAN 1,000 CASES, AND 100 DEATHS EACH YEAR. THIS IS NOT MERELY GOOD LUCK NOR A CHANGE IN THE SEVERITY OF THE DIPHTHERIA GERMS. OUR CHILD HYGIENE NURSES URGE IMMUNIZATION CONSTANTLY AND OUR CONTAGIOUS DISEASE INSPECTORS MADE THOUSANDS OF VISITS DURING THE YEAR TO SECURE THIS PROTECTION AMONG CHILDREN WHERE THE PARENTS HAD BEEN DELINQUENT IN COMPLETING THE TREATMENTS.

TYPHOID FEVER A FORMER MAJOR CAUSE OF ILLNESS AND DEATH, BEFORE PURE WATER AND PASTEURIZED MILK, WAS TYPHOID FEVER, AND IT IS INTERESTING TO REPORT THERE HAS BEEN NO TYPHOID DEATH IN NEWARK FOR SIX YEARS AND ONLY 81 CASES DURING THAT TIME, ALL OF THEM TRACED TO INFECTION IN OTHER PARTS OF THE COUNTRY.

LONGER LIFE - AGE AT DEATH THAT WE ARE LIVING LONGER IS CLEARLY INDICATED BY A STUDY OF AGE AT TIME OF DEATH. IN 1951, THERE WERE 4,145 OUT OF 5,161 DEATHS OR 80% OVER 45 YEARS OF AGE. THIRTY YEARS AGO, ONLY 45% HAD REACHED THAT AGE. THIS YEAR 44.4% OF ALL DEATHS HAD ACTUALLY PASSED THE AGE OF 65 COMPARED WITH LESS THAN 20% THIRTY YEARS AGO. IN OTHER WORDS, TWICE AS MANY PEOPLE LIVE TO 65 AS DID SO ONLY TWENTY YEARS AGO.

MATERNAL MORTALITY (LOWEST EVER)

DEATH OF MOTHERS AT TIME OF DELIVERY NUMBERED ONLY 7 OUT OF MORE THAN 14,000 DELIVERIES. THIS IS THE LOWEST RATE EVER RECORDED, OR 0.5 PER 1000 DELIVERIES. NOT ONE OF THESE 7 DEATHS WERE DUE TO SEPTICAEMIA OR INFECTION AT BIRTH. MATERNAL MORTALITY HAS DECREASED 85% IN THE PAST TEN YEARS.

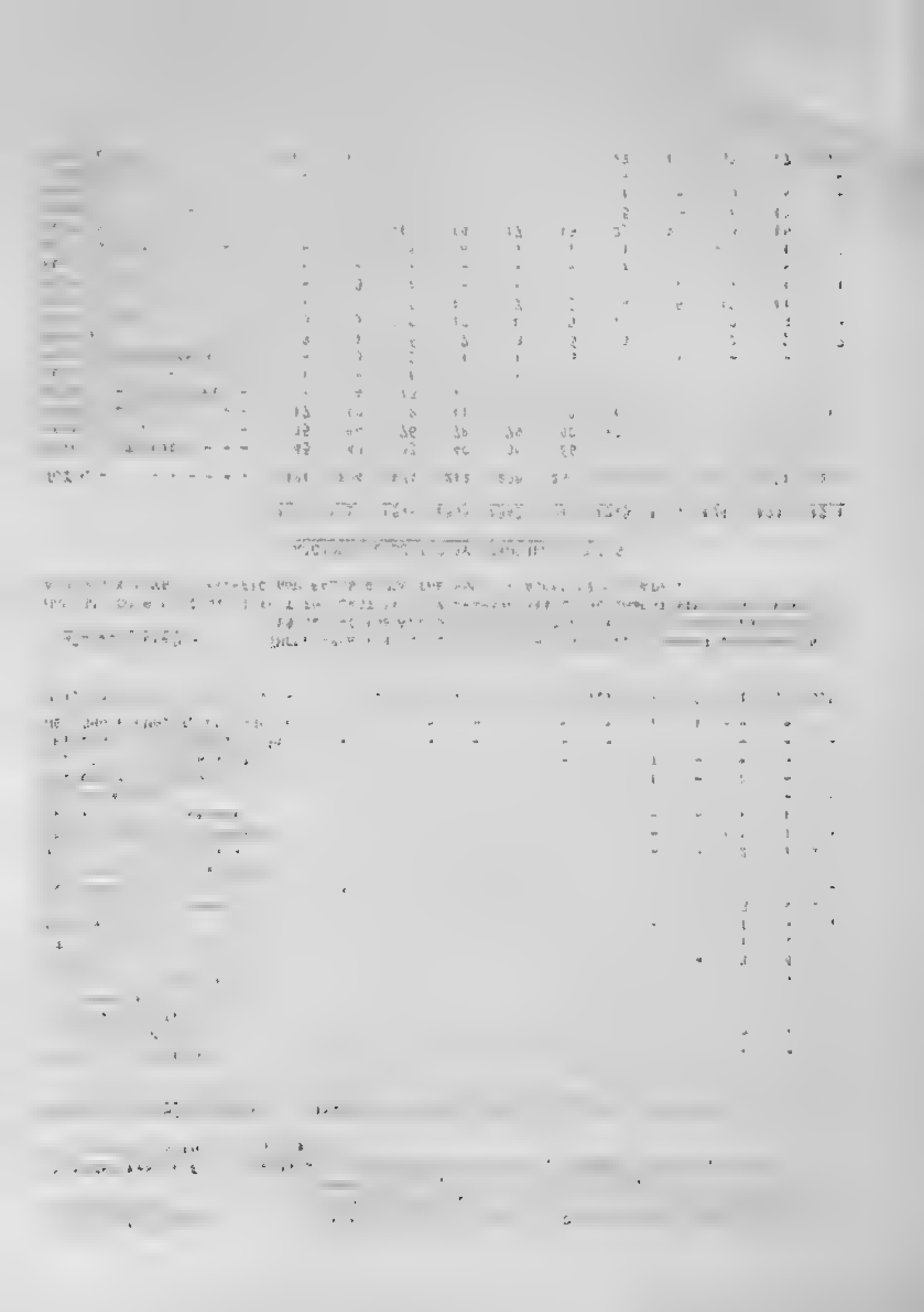
MATERNAL DEATHS BY CAUSES	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951
TOTAL DEATHS	29	26	22	18	9	18	16	12	10	15	12	7
PUERPERAL SEPTICAEMIA	2	5	2	4	-	4	2	1	-	1	-	-
ECTOPIC PREGNANCY	2	2	2	-	2	3	1	-	-	-	2	-
CAESARIAN SECTION	8	1	3	5	-	-	3	1	-	-	-	-
SELF-INDUCED ABORTION	-	-	-	-	-	-	-	-	-	1	-	-
SPONTANEOUS ABORTION	-	2	2	-	-	-	-	-	-	1	-	-
ECLAMPSIA	2	5	1	2	1	2	1	1	-	2	4	-
OTHER ACCIDENTS OF PREGNANCY	-	1	-	4	-	2	3	1	5	1	2	1
PLACENTA PRAEVIA	2	2	-	-	1	2	-	-	-	1	-	1
POST PARTUM HEMORRHAGE	4	2	4	2	-	5	2	4	4	3	1	2
ACCIDENTAL ABORTIONS	4	-	-	-	-	-	-	-	-	-	-	-
SHOCK FORC. DEL. BREACH PRES.	3	1	-	1	-	-	-	-	-	-	-	-
TOXEMIA OF PREGNANCY	2	3	-	-	-	-	1	-	-	2	1	2
CRIMINAL ABORTION (PUERPERA)	-	2	2	1	1	-	-	-	-	1	1	-
CARDIAC CON. PREGNANCY	-	-	4	-	3	-	1	-	-	1	1	-
LOBAR PNEUMONIA	-	-	1	-	-	-	-	-	-	-	-	-
PULMONARY EMBOLISM	-	-	1	1	-	-	1	1	-	2	-	-
AC. PERIT. FOL. PARTUITION	-	-	-	-	-	-	-	1	-	-	-	-
SPIN.ANAES.,NORM.REM. OF PLA	-	-	-	-	-	-	-	1	-	-	-	-
HEM.SHOCK RUP.UTERUS NORMDEL	-	-	-	-	-	-	-	1	1	-	-	-
MAT. MORT. PER 1000 DELIV.	3.3	2.6	1.8	1.5	0.8	1.5	1.2	0.8	0.7	1.1	0.9	0.5

ACCIDENT DEATHS

THERE WERE 191 ACCIDENTAL DEATHS IN 1951, A SLIGHT DECREASE FROM 1950. ACCIDENTAL DEATHS WERE STEADILY REDUCED FROM 1943 WHEN WE HAD 304 SUCH DEATHS, SO THAT THE LAST THREE YEARS ARE STILL THE LOWEST SINCE THE "HORSE AND BUGGY DAYS". TRAFFIC AND FALLS CAUSE THE BULK OF ACCIDENTAL DEATHS.

ACCIDENTAL DEATHS BY PRINCIPAL CAUSES

	1951	1950	1949	1948	1947	1946	1945	1944	1943	1942	1941
TOTAL	191	194	174	212	200	234	271	270	304	271	235
AUTO & MOTORCYCLE	45	40	33	40	36	66	57	77	90	76	69
ACCIDENTAL FALLS	85	84	76	78	79	90	107	92	87	99	100
ACCIDENTAL BURNS	17	10	2	11	7	12	13	14	19	13	16
ASPHYX. - BED CLOTHES	1	4	13	12	12	8	9	3	6	9	6
ALCOHOLISM	1	-	1	2	-	2	5	9	8	5	4
POISON-CARBON MONOXIDE	-	3	3	1	1	3	3	-	-	-	4
CRUSHING	3	1	6	7	3	6	8	2	2	7	7
CONFLAGRATION	3	9	9	10	18	8	11	9	3	4	3
DROWNING	11	9	5	18	7	5	4	5	13	11	3
ELECTROCUTION	-	3	1	-	-	3	1	2	1	1	1
ELEVATOR	-	-	-	-	-	-	1	1	-	-	1
HEAT EXHAUSTION	-	-	4	8	1	1	1	7	4	1	3
ILLUMINATING GAS	7	13	12	14	17	13	23	26	23	16	6
RAILROAD	7	5	-	2	5	2	5	5	6	12	2
TROLLEY	-	-	-	-	-	-	1	-	3	-	-
US PLANE CRASH	-	-	-	-	2	-	-	-	-	-	-
MISCELLANEOUS	11	13	8	9	12	15	22	18	33	17	10



BIRTH STATISTICS

BIRTH RATE - 31.6 THERE WERE 14,020 BIRTHS IN NEWARK IN 1951, OR A RATE OF 31.6 PER 1000 POPULATION. THIS RATE APPARENTLY REACHED ITS PEAK IN 1947. AFTER GRADUALLY DROPPING TO THE LOWEST EVER RECORDED OF 15.8 IN 1936, IT RAPIDLY AND STEADILY INCREASED TO THE RECORD HIGH OF 4,710 BIRTHS AND A RATE OF 33. IN 1947. THE FOLLOWING TABLE SHOWS THE TREND IN OUR BIRTH RATE AND IT IS PARTICULARLY INTERESTING TO NOTE THAT ALMOST 99% OF BABIES ARE NOW DELIVERED IN HOSPITALS.

1951 BIRTHS DATA						
TOTAL BIRTHS	14,020	WHITE	11,410	STILLBIRTHS	313
MALES . . .	7,104	COLORED	2,590	ILLEGITIMATE	576
FEMALES . .	6,916	YELLOW	20		

YEAR	TOTAL BIRTHS	BIRTH RATE	PHYSICIAN DEL. AT HOME	HOSPITAL DEL. V.	MIDWIFE DEL. HOME
1951	14,020	31.6	133	13,850	37
1950	13,174	29.7	221	12,959	31
1949	13,409	30.3	192	13,174	43
1948	13,703	30.8	223	13,434	46
1947	14,710	33.1	211	14,419	80
1946	13,427	30.3	225	13,094	108
1945	11,254	25.4	273	10,867	114
1944	10,792	24.5	330	10,306	156
1943	11,856	26.9	432	11,230	194
1942	12,016	28.0	376	11,479	161
1941	9,765	22.8	325	9,282	158
1940	8,538	19.9	401	7,952	185
1939	7,950	17.3	401	7,315	234
1938	7,936	17.3	546	7,106	283
1937	7,659	16.7	603	6,682	374
1936	7,236	15.8	778	6,025	433
1935	7,638	16.8	1,047	6,076	515

NEGRO HEALTH STATISTICS

THE ESTIMATED NEGRO POPULATION OF NEWARK IS 50,000 OR APPROXIMATELY 11% OF THE TOTAL. ALTHOUGH THE VARIOUS MORTALITY RATES IN THIS GROUP ARE RATHER HIGH, THE NATURAL RESULT OF ECONOMIC, EDUCATIONAL AND HOUSING HAND CAPS, A STUDY OF THE PAST 14 YEARS IS RATHER ENCOURAGING. THE TUBERCULOSIS RATE, FOR EXAMPLE, HAS DECREASED FROM 388 FIFTEEN YEARS AGO, TO 66.0 IN 1951, A REDUCTION OF MORE THAN 58%, AND INFANT MORTALITY IN THOSE FEW YEARS HAS FALLEN FROM 89.5 TO 42.1 PER 1000 LIVING BIRTHS, OR A REDUCTION OF APPROXIMATELY 52% AND THE LOWEST ON RECORD. IT IS ENCOURAGING TO NOTE THAT ONLY 3 PUERPERAL SEPTICAEMIA DEATHS HAVE OCCURRED IN THE PAST TEN YEARS AMONG 18,077 BIRTHS AND MATERNAL MORTALITY HAS DROPPED FROM 9.1 TO 0.4 PER 1000 DELIVERIES (1 PUERPERAL DEATH) IN 1951. THIS IS A REMARKABLE REDUCTION AND IS SLIGHTLY LOWER THIS YEAR THAN THE TOTAL CITY RATE OF 0.5 WHICH ITSELF IS THE LOWEST EVER. DEATHS FROM ALL CAUSES THIS YEAR NUMBERED 826 OR 16.5 PER 1000.

NEGRO BIRTHS TOTALED 2,590 OR A RATE OF 51.8 PER 1000 POPULATION, THE HIGHEST EVER RECORDED. IT IS QUITE POSSIBLE THAT OUR ESTIMATE OF 50,000 BASED ON A REASONABLE INCREASE SINCE THE 1940 CENSUS MAY STILL BE LOW. (THE 1950 CENSUS FIGURES ARE NOT YET AVAILABLE). IN THAT CASE, REDUCTION IN MORTALITY RATES WOULD BE EVEN GREATER THAN AS IN FOLLOWING TABLE.

(SEE TABLE ON NEXT PAGE)

NEGRO HEALTH STATISTICS

YEAR	DEATHS	DEATH RATE	BIRTHS	BIRTH RATE	T.B. DEATHS	T.B. D. RATE	INFANT DEATHS	INFANT M.RATE	MATERAL DTHS SEPT.	MATERAL DTHS TOTAL	RATE PER M. DEL.
1936	789	18.8	883	21.0	163	388.1	79	89.5	2	8	9.1
1937	618	14.4	846	19.7	112	360.5	52	61.6	3	5	6.0
1938	690	16.0	997	23.2	131	304.7	62	62.2	1	4	4.0
1939	630	14.3	965	21.9	117	365.9	72	74.6	1	8	8.3
1940	695	15.4	1043	23.2	138	306.6	74	70.9	1	10	10.0
1941	662	14.7	1070	23.8	119	264.4	67	62.6	2	5	5.0
1942	721	16.0	1247	27.5	125	277.7	69	54.5	0	1	1.0
1943	729	15.2	1242	25.9	117	243.9	74	59.5	1	4	3.0
1944	679	14.1	1326	27.6	119	247.8	76	57.3	0	2	1.6
1945	739	14.8	1393	27.9	115	230.0	77	55.3	1	3	2.1
1946	678	13.6	1595	31.9	122	244.0	87	54.5	1	5	3.1
1947	754	15.1	1964	37.3	120	240.0	107	54.0	0	1	0.5
1948	805	16.1	2225	44.5	103	206.0	123	55.3	0	2	0.9
1949	805	16.1	2261	45.2	92	184.0	140	61.9	1	4	2.2
1950	845	16.9	2344	46.9	98	194.0	118	49.9	0	5	2.1
1951	826	16.5	2590	51.8	83	166.0	109	42.1	0	1	0.4

FREEDOM FROM CONTAGION

THERE WAS NO UNDUE PREVALENCE OF CONTAGIOUS DISEASE DURING THE PAST YEAR. IN FACT EVERY SUCH CAUSE WAS BELOW NORMAL EXCEPT THE NON-FATAL CHICKENPOX AND MUMPS. INCIDENTALLY, 3 DEATHS, ONE FROM INFANTILE PARALYSIS AND TWO FROM EPIDEMIC MENINGITIS, WERE THE ONLY DEATHS FROM ANY OF THE CHILDHOOD CONTAGIONS. THE FOLLOWING TABLE SHOWS CASES AND DEATHS FOR THESE DISEASES IN 1951 COMPARED WITH THE ELEVEN-YEAR NORMALS.

DISEASE	1951 CASES	1951 DEATHS	11-YEAR NORMAL CASES	11-YEAR NORMAL DEATHS
DIPHTHERIA	0	0	1	0
SCARLET FEVER	135	0	482	0
EPIDEMIC MENINGITIS	11	2	32	2
WHOOPING COUGH	296	0	1088	0
INFANTILE PARALYSIS	22	1	31	1

THE MOST PREVALENT OF THE MINOR NON-FATAL CHILDHOOD DISEASES WERE:

	CASES-1951	CASES-NORMAL
MEASLES	3596	4105
CHICKENPOX	6083	3632
MUMPS	4069	2319
GERMAN MEASLES	295	489

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EXECUTIVE DIVISION

ROBERT F. MORGAN, ASST. HEALTH OFFICER

THE EXECUTIVE DIVISION PROVIDES THE GENERAL ADMINISTRATIVE FUNCTIONS OF THE DEPARTMENT FOR THE HEALTH OFFICER. THIS INCLUDES ACCOUNTING; VITAL STATISTICS; PUBLICITY AND HEALTH EDUCATION; PERSONNEL RECORDS AND ASSIGNMENT; CLEANING AND MAINTENANCE; PRINTING AND MULTIGRAPHING; MONTHLY AND ANNUAL REPORTS.

BUREAU OF VISUAL HEALTH EDUCATION

PETER COVEN, SUPERVISOR

OUR HEALTH EDUCATION WORK IS AIDED THROUGH THE FOLLOWING MEDIUMS: TAKING AND PROCESSING PHOTOGRAPHS, SLIDES AND MOTION PICTURES; PRODUCTION OF SOUND-SLIDE SEQUENCES SUCH AS A SERIES ENTITLED "NEWARK'S HEALTH DEPARTMENT" DESCRIBING THE ACTIVITIES OF THE HEALTH DEPARTMENT; A HOME SAFETY SLIDE SEQUENCE ENTITLED "SAFEGUARD NEWARK'S HOMES", ALSO HEALTH EXHIBITS. OPERATION OF SCHOOL FOR FOODHANDLERS WHICH INCLUDES LECTURES, FILMS QUIZES, AND UPON COMPLETION, PRESENTATION OF INDIVIDUAL AND ESTABLISHMENT CERTIFICATES, PRESENT HEALTH FILMS AND SLIDES AT CIVIC CLUBS, SCHOOLS, PTA'S, WOMEN'S CLUBS AND OTHERS. SOUND RECORDING OF HEALTH PROGRAMS, HEALTH LECTURES, RADIO PROGRAMS, ETC.

LEGAL WORK

MILTON GOODMAN, L.L.B., SAN. INSP.

HANDLING OF COURT CASES IS GREATLY AIDED BY THE SERVICES OF AN INSPECTOR WHO IS A QUALIFIED LAWYER. HE NOT ONLY COOPERATES WITH THE CITY LAW DEPARTMENT, WHICH OFFICIALLY HANDLES ALL CITY WORK, BUT IS PRESENT AT ALL DIVISIONAL HEARINGS. EACH INSPECTIONAL DIVISION HOLDS FREQUENT HEARINGS BEFORE THE HEALTH OFFICER, CASES ARE DISCUSSED AND DISPOSITION MADE BY THE HEALTH OFFICER. CASES REFERRED FOR COURT ACTION ARE GREATLY REDUCED BY THIS ARRANGEMENT. DURING 1951, 1,192 CASES WERE TAKEN TO COURT. IN ADDITION TO SECURING ABATEMENTS IN THESE CASES, $2,289.00 IN PENALTIES WERE IMPOSED AGAINST VIOLATORS.

MAINTENANCE

FRANK LAWSON, CUSTODIAN

CLEANING AND MAINTENANCE IS PROVIDED FOR THE MAIN BUILDING AND THREE NEARBY ANNEXES, AS WELL AS 24 OUTSIDE CLINICS USED FOR BABY-KEEP-WELL STATIONS, TUBERCULOSIS EXAMINATIONS, PRE-NATAL CLINICS AND DENTAL CLINICS.

FINANCE - VITAL STATISTICS

FRANK SHEA, ACCOUNTANT
CORA N. KIMBALL, STATISTICAL CLERK

IMMEDIATELY FOLLOWING ARE THE FINANCIAL STATEMENT AND THE VITAL STATISTICS TABLES OF MAJOR PUBLIC HEALTH INTEREST.

FINANCIAL STATEMENT - 1951

DISBURSEMENTS

PERSONAL SERVICE - SALARIES		$,562,480.69
OTHER THAN PERSONAL SERVICE		
FURNITURE, FILES, TYPEWRITERS, ELEC. FIXT.	$ 166.50	
DRUGS AND SURGICAL SUPPLIES	23,730.73	
RENTS, TAXES, ANNEXES, BABY STATIONS	19,280.49	
POSTAGE, POST CARDS, STAMPED ENVELOPES	4,622.23	
TELEPHONE SWITCHBOARD SERVICES	8,141.32	
COAL, LIGHT AND HEAT	2,148.71	
STATIONERY AND PRINTING	6,570.56	
LAUNDRY SERVICES	772.51	
HOME DOCTOR VISITS - INDIGENT	16,500.00	
JANITOR SUPPLIES, PAINTS & UNIFORMS	2,566.15	
LABORATORY AND SURGICAL SUPPLIES	3,018.73	
AUTOMOBILE & MOTORCYCLE SUPPLIES & REPAIRS	8,069.88	
HOME SICK VISITS - NURSES (VNA)	.0,541.35	
X-RAY SUPPLIES	4,277.00	
RENTAL OF BUSINESS MACHINES	588.00	
INSURANCE, COMPENSATION AND FIRE & THEFT	10,051.68	
SCORING DAIRY EXPENSE, MILK & FOOD SAMPLES	782.72	
LICENSE PLATES, TAGS AND BADGES	729.50	
NIGHT WATCH & FIRE ALARM SERVICE	336.00	
VISUAL HEALTH EDUCATION	1,248.94	129,143.00
TOTAL		$1,691,623.69

DISBURSEMENTS BY DIVISIONS

	SALARIES	SUPPLIES
EXECUTIVE	$ 161,970.69	$ 34,887.57
SANITARY - SLUM CLEARANCE	174,100.00	6,544.95
INDUSTRIAL HYGIENE	58,800.00	772.00
OCCUPATIONAL	21,300.00	- -
CONTAGIOUS	101,547.00	1,764.96
PLUMBING	46,000.00	756.91
PAROCHIAL	79,700.00	272.34
FOOD & DRUG	126,500.00	2,514.73
CHEST	85,800.00	455.00
VETERINARY	58,000.00	420.00
VENEREAL	49,400.00	6,197.53
DISPENSARY	318,499.00	56,779.83
LABORATORY	110,556.00	4,411.37
CHILD HYGIENE	170,308.00	3,365.81
TOTAL	$1,562,480.69	$ 129,143.00

RECEIPTS

PERMITS	ANIMAL	$ .30
"	CHICKEN	154.00
"	CHICKEN SLAUGHTERHOUSE	932.00
"	PLUMBING	5,42 .00
LICENSES	ICE	352.50
"	MILK	4,904.00
"	PLUMBING	2,9 5.00
"	REFUSE	84.00
"	LIVE POULTRY	90.00
FEES	REAL ESTATE SANITARY INSPECTION	3[illegible].00
"	PLUMBERS EXAMINATION	1,553.00
"	BACTERIOLOGICAL EXAMINATION	194.50
"	OUT-OF-TOWN TREATMENTS - CLINICS	218.90
"	OUT-OF-TOWN LABORATORY TESTS	5,7.6.00
MISC.	CASH SALES PRESCRIPTION BOTTLES	207.95
"	CASH SALE POSTAGE STAMPS & PHONE CALLS	76.53
"	CASH SALE DAIRY SCORE PADS, OLD FILM, ETC.	51.00

DEPOSITED WITH CITY COMPTROLLER AS MISCELLANEOUS REVENUE . . . . $ 22,896.68

FEES RECEIVED FROM MILK PRODUCERS CREDITED TO "DAIRY INSPECTION ACCOUNT", USED FOR TRAVEL AND OTHER EXPENSE IN SUPERVISING OUR MILK SUPPLY . . . $ 11,494.44

INTERESTING HEALTH TRENDS 1918-1951

YEAR	DEATHS UNDER 1 YR.	INFANT MORTALITY **	BIRTHS	BIRTH RATE	D ARR. DEATHS UND 5	T. B. DEATHS	T. B. DEATH RATE	D PHTHERIA DEATHS	TYPHOID DEATHS	BRTS D S. DTHS	ORG. HRT. DTHS
1918	1215	104.7	11575	27.0	331	798	185.6	82	15	629	633
1919	862	76.2	11297	25.7	295	637	144.8	50	9	504	529
1920	994	84.7	11734	28.3	244	540	130.4	62	8	507	492
1921	837	71.5	11705	27.5	210	446	104.9	44	12	417	510
1922	825	74.8	10993	25.4	167	428	99.1	73	12	346	640
1923	756	68.0	11110	25.3	133	406	92.5	34	11	340	727
1924	746	65.2	11449	25.7	132	392	87.9	39	12	399	729
1925	746	68.7	10852	24.0	129	378	83.4	42	5	343	850
1926	753	71.9	10460	22.7	128	421	91.5	21	7	331	948
1927	634	63.3	10010	21.5	82	387	82.9	62	6	266	1019
1928	626	63.8	9802	20.7	78	412	86.9	95	5	298	1002
1929	594	59.6	9975	20.7	52	441	9 .8	96	5	258	1047
1930	512	52.3	9784	22.2	45	445	101.0	48	1	244	1005
931	491	52.3	9506	21.4	36	412	92.4	6	2	224	980
1932	371	42.3	8746	19.4	16	360	80.0	2	4	242	958
1933	356	45.1	7897	17.6	18	388	85.8	1	2	228	1091
934	342	45.2	7565	16.7	23	3 7	69.8		1	227	1082
935	4 7	54.6	7638	16.8	24	316	69.4		0	20.	1 18
1936	332	45.9	7236	15.8	16	346	75.7	0	1	214	1162
1937	287	37.6	7659	16.7	32	301	65.8	1	0	168	1158
1938	310	39.1	7936	17.3	12	287	62.7	1	2	149	1201
939	303	38.1	7959	17.3	20	277	60.3	1	4	154	1240
940	300	35.1	8538	19.9	14	309	71.9	0	0	124	1360
1941	318	32.6	9765	22.8	3	274	63.9	0	0	222	1530
942	352	29.3	120 6	28.0	12	288	66.1	0	0	223	1756
1943	367	30.9	11856	26.9	15	294	66.8	1	0	276	1975
1944	375	34.7	10792	24.5	23	257	58.4	0	0	271	1714
945	390	34.7	1254	25.4	10	247	55.8	0	2	274	1764
1946	416	30.9	13427	30.3	3	261	59.0	0	0	245	1663
1947	429	29.2	14710	33.1	13	259	58.2	0	0	281	1724
1948	388	28.3	13703	30.8	2	232	52.1	0	0	276	1804
949	389	29.0	3409	30.3		2	47.6	0	0	249	1728
950	357	27.1	13174	29.7	8	209	42.2	0	0	246	1862
1951	379	27.0	14020	31.6	2	169	38.1	0	0	259	1805

** FOR NEO NATAL MORTALITY SEE "OTHER MORTALITY TRENDS"

OTHER MORTALITY TRENDS SINCE 1894

YEAR	POPULATION	CRUDE DEATHS	CRUDE DEATH RATE PER 1,000	RATES PER 100,000 SCARLET FEVER	TYPHOID FEVER	DIPHTHERIA	INFANT MORTALITY RATE UNDER 1 MO.	1 - 12 MONTHS	UNDER 1 YR.
1894	203,923	4,543	22.28	33.8	16.7	-			
1895	215,725	4,6[illegible]5	21.37	16.2	23.2	126.6			
1896	225,000	4,716	20.96	7.6	20.9	96.9			
1897	230,000	4,010	17.43	23.5	14.3	59.6			
1898	235,000	4,303	18.30	6.4	7.4	56.6			
1899	24[illegible],000	3,537	18.90	14.2	25.0	51.7			
1900	246,070	5,006	20.34	22.4	20.3	58.			
1901	250,000	4,806	19.22	9.2	22.8	4[illegible].2			
1902	255,000	4,943	19.38	18.0	18.4	41.2			
1903	266,000	4,923	18.50	26.7	23.7	45.[illegible]			
1904	272,000	5,378	19.77	44.	14.7	55.			
1905	283,239	5,025	17.74	15.9	14.[illegible]	38.8			
1906	290,000	5,551	19.14	11.7	17.2	34.1			
1907	300,000	5,724	19.08	13.7	23.0	3[illegible].7			
1908	305,000	5,207	17.07	29.2	11.5	21.6			
1909	311,000	5,529	17.77	22.5	12.5	38.8			
1910	347,469	5,764	16.64	11.2	12.7	29.9			
19[illegible]	352,000	5,337	15.16	6.0	10.5	21.0			
1912	370,000	5,423	14.65	3.0	7.0	24.6			
1913	380,000	5,562	14.63	6.9	7.9	28.0	38.8	54.2	93.0
1914	395,000	5,809	14.70	6.8	6.6	10.4	36.9	59.9	96.8
19[illegible]5	375,000	5,382	14.30	1.6	2.9	3.1	36.4	48.9	85.3
1916	385,000	6,357	16.50	1.8	6.0	14.8	38.0	51.6	89.6
1917	405,000	6,205	15.30	0.7	4.2	2.3	38.9	48.9	87.8
1918	430,000	8,483	9.72	2.6	3.5	19.[illegible]	39.3	65.4	104.7
1919	440,000	5,534	12.57	2.7	2.0	.3	33.1	43.1	76.2
1920	414,216	5,551	13.40	2.9	1.9	14.9	38.7	46.0	84.7
1921	425,000	4,774	11.24	5.9	2.8	10.4	36.4	35.1	71.5
1922	432,000	5,209	12.06	3.5	2.8	16.9	35.3	39.5	74.8
1923	439,000	5,221	11.67	1.1	2.5	7.7	36.0	32.0	68.0
1924	446,000	5,004	11.22	1.8	2.7	8.7	32.3	32.9	65.2
1925	453,000	5,310	11.67	2.0	1.1	9.3	30.3	38.4	68.7
1926	460,000	5,450	11.85	.3	.5	4.6	35.5	36.4	71.9
1927	467,000	5,086	10.90	2.6	1.3	3.3	34.8	28.5	63.3
1928	474,000	5,512	11.63	.3	1.0	20.0	34.8	29.1	63.9
1929	480,000	5,632	11.74	1.8	0.6	20.0	31.2	28.4	59.6
1930	440,000	5,239	11.92	.7	0.2	1[illegible].9	27.9	24.2	52.1
1931	445,000	5,073	11.40	2.0	4.5	3.6	30.0	21.5	51.5
1932	450,000	4,682	10.40	.7	0.9	0.5	25.5	16.7	42.2
1933	452,000	4,930	10.91	0.9	0.5	0.2	24.8	20.3	45.1
1934	454,000	4,764	10.49	0.4	0.2	0.2	27.2	18.0	45.2
1935	455,000	4,996	10.56	0.2	0.0	0.2	32.9	21.7	54.6
1936	457,000	5,331	11.8	1.5	0.2	NONE	27.5	18.4	45.9
1937	458,000	5,061	11.00	0.2	0.0	0.2	21.8	15.7	37.5
1938	458,000	4,970	10.85	0.2	0.4	0.2	24.6	14.5	39.
1939	459,000	4,855	10.58	0.9	0.9	0.2	24.3	13.8	38.
1940	429,000	5,025	11.71	NONE	NONE	NONE	24.7	0.4	35.1
1941	429,000	5,127	11.62	NONE	NONE	NONE	23.2	9.4	32.6
1942	429,000	5,256	11.86	0.2	NONE	NONE	21.9	7.4	29.3
1943	440,000	5,702	12.55	0.2	NONE	0.2	21.5	9.4	30.9
1944	440,000	5,201	11.48	0.2	NONE	NONE	25.0	9.7	34.7
1945	443,000	5,292	11.60	0.2	0.4	NONE	22.7	12.0	34.7
1946	443,000	4,937	11.14	NONE	NONE	NONE	23.8	7.2	31.0
1947	445,000	5,097	11.54	NONE	NONE	NONE	22.5	6.7	29.2
1948	445,000	5,087	11.43	NONE	NONE	NONE	22.5	5.8	28.3
1949	443,000	4,983	11.25	NONE	NONE	NONE	21.9	7.1	29.0
1950	443,000	5,126	11.57	NONE	NONE	NONE	21.8	5.3	27.1
1951	443,000	5,161	11.46	NONE	NONE	NONE	21.8	5.3	27.0

TOTAL DEATHS BY AGE GROUPS 1918-95

YEAR	TOTAL DEATHS	UNDER 1 YR.	1 AND UND 2	2 AND UND 5	TOTAL UND 5	5-14	15-24	25-44	45-64	65 & OVER
1918	8484	1215	433	434	2082	314	780	2308	1754	1245
1919	5534	862	190	186	1238	249	345	1204	1376	1122
1920	5551	994	253	192	1439	220	327	1041	1379	1145
1921	4776	837	136	134	107	94	248	910	256	06.
1922	5209	822	198	166	1186	232	268	925	1414	1184
1923	5221	756	163	136	1055	196	305	872	1503	1290
1924	5111	746	130	139	1015	199	268	975	1470	1184
1925	5447	746	132	144	1022	206	273	1018	1640	1288
1926	5606	753	187	158	1098	156	277	1015	1618	1442
1927	5296	636	109	112	857	210	277	974	1724	1254
1928	5735	626	156	186	968	245	304	1002	1794	1422
1929	5857	594	04	152	850	192	308	1162	768	1577
1930	5447	512	83	119	714	188	327	1037	1788	1393
1931	5306	490	64	98	652	172	252	1025	1747	1458
1932	4850	371	41	73	485	128	228	890	1677	1442
1933	5128	356	68	96	520	141	215	914	1775	1563
1934	4921	342	54	54	450	117	92	824	1779	559
1935	4996	417	46	60	523	117	190	864	1788	1514
1936	5331	332	45	45	422	116	208	861	1892	1832
1937	5256	287	51	61	400	115	202	812	1877	1850
1938	5116	310	29	45	384	86	179	751	1845	1871
1939	5005	303	23	24	350	97	168	704	1777	1909
1940	5207	300	26	33	359	55	168	703	1934	1988
1941	5127	318	30	34	382	62	138	639	1948	1958
1942	5256	352	25	36	413	50	151	682	1935	2025
1943	5702	367	24	44	435	66	148	660	2074	2313
1944	5201	375	24	29	428	67	113	618	1904	2071
1945	5292	390	24	31	445	75	124	564	1933	2151
1946	5078	416	14	31	461	51	112	561	1810	2083
1947	5238	429	24	33	486	32	98	591	1898	2153
1948	5222	388	22	21	431	29	73	502	1949	2237
1949	5086	389	22	28	439	33	86	472	1825	2231
1950	5209	357	22	24	403	25	84	515	928	2254
1951	5161	379	19	29	427	38	56	495	1855	2290 *

"TOTAL DEATHS" INCLUDES ALL DEATHS IN NEWARK BOTH RESIDENT AND NON-RESIDENT AS WELL AS DEATHS OF NEWARKERS AT SOHO AND VERONA.

* 44.4% (HIGHEST EVER)

DEATHS AND DEATH RATES BY CAUSE AND COLOR - 1950-1951

	TOTAL				NEGRO			
	1951		1950		1951		1950	
	RATE	DEATHS	RATE	DEATHS	RATE	DEATHS	RATE	DEATHS
TOTAL - ALL CAUSES	11.5	5161	11.6	5213	16.5	826	16.9	845
INFANTILE PARALYSIS	0.2	1	0.9	4	-	-	-	-
TETANUS	-	-	-	-	-	-	-	-
MUMPS	-	-	-	-	-	-	-	-
ERYSIPELAS	-	-	-	-	-	-	-	-
MEASLES	-	-	-	-	-	-	-	-
SCARLET FEVER	-	-	-	-	-	-	-	-
WHOOPING COUGH	-	-	-	-	-	-	-	-
DIPHTHERIA	-	-	-	-	-	-	-	-
INFLUENZA	0.7	3	0.2	1	-	-	-	-
EPIDEMIC MENING. (CER. SPIN)	0.4	2	-	-	-	-	-	-
OTHER EPIDEMIC DISEASES	-	-	-	-	-	-	-	-
TUBERCULOSIS OF LUNGS	32.1	142	41.6	184	126.0	63	154.0	77
TUBERCULOSIS MENINGITIS	2.7	12	1.6	7	18.0	9	14.0	7
OTHER TUBERCULOSIS	3.4	15	4.1	18	22.0	11	26.0	13
CANCER, MALIGNANT TUMOR	179.5	795	178.6	791	84.0	92	184.0	92
SIMPLE MENINGITIS	1.8	8	2.5	11	8.0	4	10.0	5
APOPLEXY-SOFT. OF BRAIN	90.1	399	96.4	428	88.0	44	148.0	74
ORGANIC HEART DISEASE	470.4	1805	420.3	1862	414.0	207	386.0	193
BRONCHITIS	2.0	9	1.6	7	2.0	1	6.0	3
PNEUMONIA, LOBAR	12.0	53	16.9	75	22.0	11	34.0	17
PNEUMONIA, BRONCHO	15.8	70	19.9	88	34.0	17	46.0	23
OTHER RESPIRATORY DIS.	25.3	112	22.3	99	26.0	13	48.0	24
STOMACH (CANCER EXCEPTED)	9.5	42	5.0	22	10.0	5	-	-
DIARRHOEA (UNDER 5 YRS)	0.5	2	1.8	8	2.0	1	6.0	3
APPENDICITIS & TYPHILITIS	1.0	6	1.4	6	4.0	2	2.0	1
HERNIA, INTEST. OBSTRUCT.	9.3	41	7.0	31	18.0	9	8.0	4
CIRRHOSIS OF LIVER	15.6	69	16.0	71	14.0	7	14.0	7
BRIGHT'S DIS. & NEPHRITIS	68.5	259	55.5	246	114.0	57	88.0	44
DIS. OF WOMEN (NOT CANCER)	0.2	1	0.5	2	-	-	4.0	2
PUERPERAL SEPTICAEMIA	-	-	-	-	-	-	-	-
OTHER PUERPERAL DISEASES	.6	7	2.7	12	2.0	1	12.0	6
CONG. DEBILITY & MALF.	72.7	322	66.1	293	166.0	83	168.0	84
OLD AGE	1.8	8	4.3	19	6.0	3	-	-
ACCIDENT	43.1	191	43.8	194	66.0	43	84.0	42
HOMICIDE	5.9	26	4.3	19	28.0	14	28.0	14
SUICIDE	8.8	39	13.3	59	10.0	5	8.0	4
ILL-DEFINED CAUSES	14.4	64	13.3	59	40.0	20	26.0	13
ALL OTHER CAUSES	148.5	658	135.0	597	208.0	104	186.0	93

DEATHS - CERTAIN CAUSES IN AGE GROUPS - 1951

CAUSES OF DEATH	TOTAL DEATHS	UNDER 5 DEATHS	%	5 TO 24 DEATHS	%	25 TO 44 DEATHS	%	45 TO 64 DEATHS	%	65 & OVER DEATHS	%
TOTALS	5161	427	8.3	94	1.8	495	9.6	1855	35.9	2290	44.4
MEASLES	-	-	-								
WHOOPING COUGH	-	-	-								
DIARRHOEAL DIS.	2	2	100.0								
EARLY INFANCY	322	322	100.0								
INFLUENZA	3	-	-			1	33.3	2	66.7		
PNEUMONIA	123	33	26.8	2	1.6	12	9.7	41	33.4	35	28.5
BRONCHITIS	9	-	-	1	1.1	1	1.1	3	33.3	4	44.5
PULMONARY T.B.	142	-	-	7	4.9	46	32.4	68	47.9	21	14.8
BRIGHT'S DIS.	259	1	0.4	8	3.1	30	11.6	85	32.8	135	52.1
CANCER	795	-	-	5	0.6	70	8.8	386	48.6	334	42.0
APOPLEXY	399	-	-	1	0.3	2	3.0	52	38.1	234	58.6
ORGANIC HEART	1805	2	0.1	9	0.5	17	6.5	678	37.6	999	55.3
ACCIDENTS	191	7	3.7	10	5.9	34	17.8	61	31.9	79	41.3

DEATHS BY SPECIAL CAUSES - 1940 - 1951

	195	950	1949	948	947	1946	1945	944	943	1942	1941
TOTAL - ALL CAUSES	5161	5213	5086	5222	5238	5078	5292	5201	5702	5256	5127
INFANTILE PARALYSIS	1	4	5	2	-	4	7	3	-	2	3
TYPHOID FEVER	-	-	-	-	-	-	2	-	-	-	-
ERYSIPELAS	-	-	-	1	-	-	-	-	-	-	-
MEASLES	-	-	-	1	-	2	-	1	1	4	1
TETANUS	-	-	-	2	-	-	-	-	-	-	-
SCARLET FEVER	-	-	-	-	-	-	1	1	1	1	-
MUMPS	-	-	-	1	-	-	-	-	-	-	-
DIPHTHERIA	-	-	-	-	-	-	-	-	1	-	-
WHOOPING COUGH	-	-	-	-	1	1	1	-	2	3	4
INFLUENZA	3	1	-	4	4	4	7	12	23	5	19
EPIDEM. MENING. (CRSP)	2	-	4	2	3	7	11	17	27	5	1
OTHER EPIDEMIC DIS.	-	-	-	-	2	2	-	-	-	-	-
T. B. OF LUNGS	142	184	188	214	239	229	225	237	266	261	235
T. B. MENINGITIS	12	7	10	8	8	13	11	4	7	11	13
OTHER TUBERCULOSIS	15	18	13	10	12	19	11	16	21	16	26
CANCER & MALIG. TUMOR	795	791	795	780	781	735	708	708	655	60.	660
SIMPLE MENINGITIS	8	11	6	8	9	9	15	22	7	25	13
APOPLEXY-SOFT.BRAIN	399	428	478	485	498	463	486	421	431	425	415
ORGANIC HEART DIS.	1805	1862	1728	1804	1724	1663	1764	1744	1975	1756	1530
BRONCHITIS	9	7	15	10	9	10	6	8	5	11	5
LOBAR PNEUMONIA	53	75	57	55	71	93	105	114	166	144	125
BRONCHO PNEUMONIA	70	88	94	78	89	96	111	120	162	102	119
OTHER RESPIRATORY DIS.	112	99	92	103	111	113	81	68	34	84	167
DISEASES OF STOMACH	42	22	43	33	25	19	32	34	48	34	30
DIARRHOEA (UNDER 5)	2	8	11	2	13	3	10	23	15	12	13
APPENDIC. & TYPHILITIS	6	6	19	7	11	19	29	25	31	34	45
HERNIA & INTEST. OBST.	41	31	40	36	39	36	44	62	75	67	50
CIRRHOSIS OF LIVER	69	71	59	77	55	51	49	48	40	34	47
BRT'S DIS. & NEPHRITIS	259	246	249	276	281	245	274	271	276	223	222
DIS. OF WOMEN (NOT CANCER)	1	2	1	4	5	7	7	7	7	10	4
PUERPERAL SEPTICAEMIA	-	-	1	-	1	2	4	-	4	2	5
OTHER PUERPERAL DISEASES	7	10	14	10	11	14	14	9	14	20	21
CONG. DEB. & MALF.	322	293	301	317	337	331	285	278	257	262	243
OLD AGE	8	19	6	17	19	13	18	29	46	30	43
ACCIDENTS	191	194	174	212	200	234	271	270	304	271	235
HOMICIDES	26	19	28	29	23	28	13	18	22	22	19
SUICIDES	39	59	46	54	51	42	47	42	55	66	55
ILL-DEFINED	64	60	36	44	63	54	79	32	30	42	51
ALL OTHER CAUSES	658	598	573	536	543	5.7	564	557	582	571	708
RATE PER 1000 POP.	11.5	11.6	11.2	11.4	11.5	1.	1.6	1.5	12.6	1.9	11.6

TUBERCULOSIS STATISTICS -- WHITE AND COLORED

YEAR	POPULATION (1000'S) TOTAL	WHT	COL	REPORTED CASES WHT	COL	DEATHS WHT	COL	MORBIDITY RATE WHITE	COLORED	MORTALITY RATE WHITE	COLORED
920	4 4	397	17	589	201	458	80	400.0	1182.0	115.3	470.2
1922	432	415	17	1044	44	352	74	251.3	822.0	84.4	422.0
1924	446	424	22	749	148	3 0	76	76.7	672.0	73.1	345.4
1926	460	433	27	780	229	321	97	180.	848.0	74.	359.2
1928	474	442	32	7 4	215	306	.05	161.6	671.0	69.2	328.1
1930	440	402	38	681	309	262	178	169.4	813.0	65..	468.4
1932	450	410	40	532	245	195	165	129.7	612.6	47.6	412.5
1934	454	414	40	447	2 7	186	24	107.9	542.5	44.9	310.0
1936	457	415	42	429	213	82	163	105.7	507.1	43.8	388.0
1938	458	415	43	395	203	154	131	95.2	472.0	37.	304.6
1940	429	384	45	400	85	169	138	104.1	4 .1	44.0	306.6
1942	429	384	45	474	.95	6	125	23.4	433.3	41.9	277.7
1944	440	392	48	37.	2 7	135	119	94.6	431.2	34.4	247.9
1946	443	393	50	362	2.2	38	122	92.1	424.0	34.8	244.0
1948	445	395	50	313	224	29	03	79.2	448.0	32.7	206.0
1950	443	393	50	276	245	0	98	70.8	493.0	28.0	196.0
1951	443	393	50	260	253	85	83	66.2	506.0	21.6	166.0

BIRTHS BY ATTENDANT AND PLACE OF DELIVERY 1915-1951

(ALTERNATE YEARS TO SHOW TREND)

YEAR	TOTAL BIRTHS	NON-RESIDENT BIRTHS	HOSPITAL DELIVERIES	HOME DELIVERIES PHYSICIAN	HOME DELIVERIES MIDWIFE	NO ATTENDANT	% TOTAL BIRTHS DELIVERED IN HOSP.
1915	10,955	238	1,295	4,243	5,4 4	3	.8%
1917	11,850	381	1,956	4,195	5,696	3	16.5%
1919	11,315	554	-	-	5,148	0	-
1921	11,705	-	-	-	4,470	0	-
1923	11,111	-	-	-	3,552	0	-
1925	10,852	1,258	4,845	3,208	2,799	0	44.6%
1927	10,042	1,246	4,995	2,709	2,338	0	49.7%
1929	9,965	1,822	5,805	2,436	1,724	0	58.3%
1931	9,506	2,137	6,824	1,491	1,191	0	7 .8%
1933	7,897	1,703	6,195	986	716	0	76.4%
1935	7,638	1,812	6,076	1,047	515	0	79.5%
1937	7,659	1,956	6,682	603	374	0	87 2%
1939	7,950	2,180	7,315	401	234	0	92.0%
1941	9,765	3,162	9,282	325	158	0	95.1%
1943	11,856	3,978	11,230	432	194	0	94.7%
1945	11,254	3,916	10,867	272	115	0	96.6%
1947	14,7 0	5,206	14,419	211	80	0	98.0%
1949	13,409	4,881	13,174	192	43	0	98.2%
1950	13,174	4,977	12,969	171	34	0	98.4%
1951	14,020	5,701	13,850	133	37	0	98.8%

INFANT MORTALITY BY COLOR

(ALTERNATE YEARS TO SHOW TREND)

YEAR	WHITE INF. MORT. RATE	COL. INF. MORT. RATE	WHITE POST NEONATAL MORT. RATE *	COLORED POST NEONATAL MORT. RATE *	WHITE NEONATAL MORT. RATE	COL. NEONATAL MORT. RATE
1920	81.0	162.4	43.6	96.0	37.4	66.4
1921	67.9	132.4	32.4	79.4	35.5	54.5
1923	65.0	112.4	29.7	66.1	35.3	46.3
1925	61.0	155.1	33.8	89.9	27.2	65.2
1927	54.7	140.5	25.1	59.9	29.6	80.6
1929	49.8	138.7	23.2	70.3	26.6	68.4
1931	46.3	95.5	21.8	45.8	24.5	49.7
1933	39.1	91.1	17.2	42.8	21.9	48.3
1935	50.7	84.8	18.6	45.9	32.1	38.9
1937	34.5	61.5	12.9	37.8	21.6	23.6
1939	36.7	74.8	18.4	32.2	8.3	42.6
1941	28.5	62.6	7.5	21.5	21.1	4 .1
1943	27.6	59.6	6.9	31.4	20.7	28.3
1945	31.7	54.6	10.5	20.8	21.2	33.7
1947	25.3	54.5	5.9	11.7	19.4	42.8
1949	22.3	61.9	5.0	17.2	17.3	44 7
1950	22.2	49.7	4.4	9.4	17.8	4 .3
1951	23.6	42.1	4.0	10.8	9.6	3 .3

* OVER ONE MONTH BUT UNDER ONE YEAR

DEATHS UNDER ONE YEAR BY CAUSES - 1918 - 1951

YEAR	MEASLES	BRON-CHITIS	PNEU-MONIA	MENIN-GITIS	DIA-RRHOEA	OTHER CONTAG. DISEASES	EARLY INF. DEB. CONG. PREMATUR.	ALL OTHERS	TOTAL
1918	33	84	156	30	273	83	442	112	1213
1919	2	42	87	24	244	27	345	91	862
1920	16	57	143	19	191	66	402	100	994
1921	5	38	83	12	178	27	403	91	837
1922	14	44	128	11	153	22	352	98	822
1923	15	32	94	10	105	21	376	103	756
1924	4	38	106	17	115	24	356	86	746
1925	3	26	99	11	105	23	376	103	746
1926	17	18	142	5	102	6	383	70	753
1927	0	13	91	10	70	28	357	67	636
1928	11	8	97	12	68	19	356	55	626
1929	0	14	121	8	43	28	307	73	594
1930	4	9	95	10	33	10	278	73	512
1931	0	10	86	17	30	21	273	53	490
1932	0	2	67	5	13	12	232	40	371
1933	2	2	75	2	18	10	191	56	356
1934	0	2	52	5	23	2	221	37	342
1935	3	3	59	7	22	6	264	43	417
1936	0	5	51	10	13	9	202	42	332
1937	4	0	47	1	26	6	167	36	287
1938	0	3	40	3	10	10	211	33	310
1939	0	2	28	1	18	6	201	47	303
1940	0	1	26	4	14	0	223	32	300
1941	1	0	23	7	10	5	241	31	318
1942	2	1	41	3	8	2	260	35	352
1943	0	1	41	5	14	5	255	46	367
1944	0	1	43	8	23	3	275	22	375
1945	0	1	56	3	8	3	280	39	390
1946	0	0	44	3	3	4	330	32	416
1947	0	2	30	2	3	2	333	47	429
1948	0	0	26	1	2	1	315	43	388
1949	0	2	37	3	8	1	298	40	389
1950	0	2	28	1	8	0	288	30	357
1951	0	0	26	7	2	1	316	27	379

BIRTHS & INFANT MORTALITY RATES BY WARDS - 1951

WARDS	TOTAL BIRTHS	TOTAL COLORED BIRTHS	% TOTAL BIRTHS COLORED	MIDWIVES BIRTHS	% TOTAL BIRTHS DELIVERED BY MIDWIVES	TOTAL DEATHS UNDER 1 YEAR	INFANT MORTALITY RATES
1	422	62	14.7%	0	-	11	26.1
2	240	121	50.4	0	-	13	54.2
3	774	677	87.5	1	.1%	39	50.4
4	104	60	57.7	1	.1	4	38.5
5	297	35	11.8	5	1.7	5	16.8
6	377	155	41.1		0.3	12	31.8
7	314	219	69.7	2	.6	15	47.8
8	942	73	7.7	4	.4	23	24.4
9	1182	267	22.6	2	.2	29	24.5
10	330	71	21.5	4	1.2	10	30.3
11	519	89	7.1	1	.2	10	19.3
12	364	32	8.8	5	1.4	15	41.2
13	789	21	2.7	2	.3	16	20.3
14	629	257	40.8	4	.6	24	38.2
15	274	116	42.3	1	.4	17	62.0
16	762	158	20.7	4	.5	14	18.4
N.R.	5701	77	3.1	0	-	121	21.2
TOTAL	14020	2590	18.5	37	.3 %	378 *	27.0

* 1 UNKNOWN

BIRTHS & DEATHS - BY WARD & COLOR 1951

	WARD	POPULATION	DEATHS	CRUDE DEATH RATE	BIRTHS	BIRTH RATE	DEATHS UNDER 1 YR.	INFANT MORT. RATE
TOTAL		27,000	81	6.7	422	15.6	11	26.1
	2	12,000	78	14.8	240	20.0	13	54.2
	3	26,000	388	14.9	774	29.7	39	50.4
	4	7,000	135	19.3	104	14.8	4	38.4
	5	17,000	118	6.9	297	17.5	5	16.5
	6	20,000	222	11.1	377	18.9	12	31.9
	7	14,000	162	11.6	314	22.4	15	47.8
	8	39,000	360	9.2	942	24.2	23	24.4
	9	63,000	558	8.8	1182	18.8	29	24.5
	10	20,000	153	7.6	330	16.5	10	30.3
	11	29,000	276	9.5	519	17.9	10	19.3
	12	21,000	183	8.7	364	17.3	15	41.2
	13	58,000	504	8.7	789	3.6	16	20.3
	14	31,000	270	8.7	629	20.3	24	37.9
	15	3,000	126	9.7	274	21.1	17	62.0
	16	46,000	386	8.4	762	16.6	14	18.3
	NON-RESIDENT		912		5701		21	
	UNKNOWN		49					
	TOTAL	443,000	5161	11.5	14020	31.6	379	27.0
COLORED	1	1,500	21	14.0	62	41.3	3	48.4
	2	2,200	36	16.4	121	55.0	3	24.8
	3	17,000	275	16.2	677	39.8	35	51.7
	4	1,000	25	25.0	60	60.0	3	50.0
	5	800	6	7.5	35	43.8	1	28.6
	6	2,400	48	20.0	155	64.6	7	45.2
	7	5,400	90	16.7	219	40.6	11	50.2
	8	2,200	28	2.7	73	33.2	3	41.1
	9	3,000	56	18.7	267	89.0	8	29.9
	10	1,900	25	13.1	71	37.2	5	70.4
	11	1,500	29	19.3	89	59.3	2	22.5
	12	400	4	10.0	32	80.0	1	31.3
	13	500	6	12.0	21	42.0	-	-
	14	5,200	84	6.2	257	49.4	12	46.6
	15	3,500	34	9.7	116	33.	7	60.3
	16	1,500	30	20.0	158	105.3	3	18.9
	NON-RESIDENT		24		177		5	
	UNKNOWN		5					
	TOTAL	50,000	826	16.5	2590	51.8	89	42.1
WHITE	1	25,500	160	6.3	360	4.1	8	22.2
	2	9,800	142	4.5	119	12.	10	84.0
	3	9,000	113	12.6	97	10.8	4	41.2
	4	6,000	110	18.3	44	7.3	1	22.8
	5	16,200	112	6.9	262	6.2	4	15.1
	6	7,600	174	9.9	222	12.6	5	22.5
	7	8,600	72	8.4	95	11.0	4	42.1
	8	36,800	332	9.0	869	23.6	20	23.0
	9	60,000	502	8.4	9 5	15.3	21	22.9
	10	18,100	28	7.1	259	14.3	5	27.6
	11	27,500	247	9.0	430	15.6	8	18.6
	12	20,600	79	8.7	332	16.1	14	42.2
	13	57,500	498	8.7	768	13.4	16	20.8
	14	25,800	186	7.2	372	4.4	12	32.3
	15	9,500	92	9.7	58	6.6	10	10.5
	16	44,500	356	8.0	604	13.6	11	24.7
	NON-RESIDENT		888		5504		116	
	UNKNOWN		44					
	TOTAL	393,000	4335	11.0	11410	29.	269	23.5

TUBERCULOSIS BY WARD (1951) - MORBIDITY & MORTALITY

(NOTE) THE HIGHEST RATES ARE IN THE 2ND, 3RD, 4TH, 7TH AND 14TH WARDS, WHERE THE WORST SLUMS ARE LOCATED OR WHERE POPULATION IS MAINLY OF THE TRANSIENT "CHEAP ROOMING HOUSE" TYPE.

WARD	POPULATION (ESTIMATED) WHITE	COLORED	TOTAL	REPORTED CASES WHITE	COL.	TOTAL	TOTAL MORBIDITY RATE PER CM	DEATHS WHITE	COL.	TOTAL	TOTAL MORTALITY RATE PER CM
1	25500	1500	27000	12	6	18	67	5	2	7	26
2	9800	2200	12000	25	15	40	333	4	7	11	92
3	9000	17000	26000	6	85	91	346	1	28	29	112
4	6000	000	7000	20	9	29	414	12	3	15	214
5	16200	800	17000	10	8	18	106	3	2	5	29
6	17600	2400	20000	4	13	17	85	5	4	9	45
7	8600	5400	14000	5	20	25	179	1	8	9	64
8	36800	2200	39000	22	9	31	79	6	1	7	18
9	60000	3000	63000	38	22	60	95	8	8	16	25
10	18100	1900	20000	4	5	9	45	5	3	8	40
11	27500	1500	29000	14	2	16	55	2	0	2	7
12	20600	400	21000	16	4	20	95	6	0	6	29
13	57500	500	58000	26	2	28	48	8	1	9	16
14	25800	5200	31000	17	36	53	170	7	7	14	45
15	9500	3500	13000	9	5	14	108	2	6	8	62
16	44500	1500	46000	13	7	20	43	4	3	7	15
NR				19	5	24		5	1	6	
UNK.									1	1	
TOTAL	393000	50000	443000	260	253	513	115	85	84 *	169	38.1

* FIGURE INCLUDES 1 DEATH (YELLOW RACE)

INFANT MORTALITY RATES (1ST DAY-1ST MO. ETC.)

1914 - 1951 (EVERY 3RD YR)

YEAR	UNDER 1-DAY	OVER ONE DAY BUT UNDER 1 WK.	UNDER 1-WK.	OVER ONE WEEK BUT UNDER 1 MO.	UNDER 1-MO.	OVER ONE MONTH BUT UNDER 1 YR.	UNDER 1-YR.
* 1914	-	-	-	-	36.9	59.9	96.8
1917	-	-	-	-	38.9	48.9	87.8
1920	-	-	-	-	38.7	46.0	84.7
1923	-	-	-	-	36.0	32.0	68.0
1926	-	-	-	-	35.5	36.4	71.9
1929	-	-	-	-	31.2	28.4	59.6
1932	-	-	-	-	25.5	16.7	42.2
1934	11.9	9.5	21.4	5.8	27.2	18.0	45.2
1937	9.7	6.7	16.3	5.5	21.8	15.7	37.5
1940	12.4	8.4	20.8	3.9	24.7	10.4	35.1
1943	9.2	8.3	17.6	3.8	21.5	9.4	30.9
1946	11.6	9.5	21.2	2.6	23.8	7.2	31.0
1949	8.6	10.0	18.6	3.4	21.9	7.1	29.0
1950	8.7	9.7	18.4	3.3	21.8	5.3	27.1
1951	10.4	8.7	19.1	2.6	21.8	5.3	27.0

* BREAKDOWN UNDER ONE MONTH NOT RECORDED UNTIL 1934

SANITARY DIVISION

CHRISTOPHER C. NUGENT, JR. - ASST. HEALTH OFFICER -- JOHN F. LYNCH, CHIEF SAN. INSPECTOR
EDWARD A. SMITH, CHIEF INSP. FUMIGATION

THE FOLLOWING IS A SUMMARY OF THE ACTIVITIES OF THE SANITARY DIVISION WHICH SUPERVISES ENVIRONMENTAL SANITATION AND FUMIGATION. FOR ROUTINE COMPLAINT INSPECTION, THE CITY IS DIVIDED INTO 5 DISTRICTS WITH A MOTORCYCLE INSPECTOR FOR EACH. THE FOLLOWING LIST ILLUSTRATES THE TYPE OF COMPLAINTS AND THE NUMBER OF INSPECTIONS. DURING THE YEAR IT WAS NECESSARY FOR OUR INSPECTORS TO MAKE 1550 COMPLAINT INVESTIGATIONS WHICH WERE NOT JUSTIFIED.

MISCELLANY

CASES ENTERED FOR PROSECUTION	69	NUMBER OF CONVICTIONS	47
HOURS IN COURT	122	PROCESS SERVED (FORMAL SUMMONS)	3
BIRTH CERTIFICATE PACKS. DEL'D	30	HEARING CASES SCHEDULED	168
COMPLAINTS REF. TO OTHER CITY DEPTS.	108	NO CAUSE COMPLT. REC'D & INVESTIGATED	1550
VISITS OWNERS/AGTS OF REAL ESTATE	173		

SANITARY COMPLAINTS

	BOOK COMPLT.	ORIG. INSP.	REINSP.	TOTALS
PUBLIC EXHIBITIONS	1	1		2
ANIMALS (DOGS, CHICKENS, ETC.)	841	3679	514	5034
BABY STATIONS		6		6
BARBER SHOPS	1	4		5
BATHING POOLS AND BATHS	9	15	3	27
BEAUTY PARLORS	2	1	1	4
CHICKEN SLAUGHTER HOUSES	1	5		6
CEMETERIES	1	1		2
DWELLINGS	3199	14653	1945	19797
HOTELS	3	17	6	26
HOUSING PROJECTS	52	197	44	293
ICE DOCKS	16	58	18	92
LODGING HOUSES	2	15	5	22
ORPHAN ASYLUMS	1	5		6
PET SHOPS	14	56	15	85
PUBLIC DUMPS	3	19	13	35
PUBLIC STREETS	2	2	2	6
R.R. STATIONS & BUS TERMINALS	3	15	3	27
ROOMING HOUSES	375	1444	228	2047
SCHOOLS	3	21	1	25
STORES	20	72	15	107
STABLES	1	5		6
TENEMENTS - OVER 8 FAMILIES	1115	4768	683	6566
THEATRES	68	156	47	271
VACANT LOTS	147	165	87	399
VEHICLES	52	57	23	132
WAREHOUSES	3	15		18
TOTALS	5935	25452	3653	35040

NUISANCES, NOTICES AND ABATEMENTS

DURING THE YEAR OUR COMPLAINT SECTION FOUND 5,790 DIFFERENT NUISANCE CONDITIONS; SERVED NOTICES ON EACH, AND HAVE ALREADY SUCCEEDED IN BRINGING ABOUT ABATEMENTS IN 4,572 OF THOSE CASES. OUTSTANDING AMONG NUISANCES FOUND WERE:

701 - INSUFFICIENT HEAT OR DEFECTIVE HEATING EQUIPMENT
424 - INSUFFICIENT GARBAGE AND REFUSE CANS
166 - INSANITARY HOUSEKEEPING
76 - EXCESSIVE NOISE
99 - OVERCROWDING
314 - VERMIN AND INSECT INFESTATION
144 - WEED ACCUMULATION
970 - DOG AND CAT CONDITIONS, SUCH AS BARKING, BITING, UNLICENSES OR CAUSING A NUISANCE.
62 - INSUFFICIENT WATER TOILETS OR DEFECTIVE PLUMBING
628 - DEFECTIVE ROOF GUTTERS AND WINDOWS
50 - SEWAGE OBSTRUCTION OR ACCUMULATIONS
826 - ACCUMULATIONS OF GARBAGE-REFUSE-EXCREM.

LICENSES AND PERMITS

THIS DIVISION MADE NECESSARY INSPECTION BEFORE GRANTING FOLLOWING TYPES OF PERMITS AND LICENSES, ICE, REFUSE, POULTRY, SLAUGHTER HOUSE, CHICKEN AND ANIMAL PERMITS.

SLUM CLEARANCE BUILDING REHABILITATION

IN ADDITION TO THE REGULAR ENVIRONMENTAL SANITATION COMPLAINT WORK, THIS DIVISION CONTINUED AND INTENSIFIED AN AGRESSIVE CAMPAIGN IN OUR WORST SLUM SECTIONS OF THE CITY. WE ARE USING THE BULK OF OUR DIVISION INSPECTORS AND SEVERAL INSPECTORS BORROWED FROM OTHER DIVISIONS. IN THOSE SECTIONS EVERY STRUCTURE AND EVERY RESIDENT UNIT IS INSPECTED, CONDITIONS NOTED, AND NOTICES SERVED ON VIOLATIONS. THERE WAS SOME DELAY IN MAXIMUM RESULTS INASMUCH AS MANY OWNERS OF SLUM PROPERTY APPEALED LOWER COURT CONVICTIONS, BUT FORTUNATELY THEIR APPEALS WERE LOST SO THAT IMPROVEMENT SHOULD BE SPEEDED UP. A NEW HOUSING ORDINANCE, GREATLY INCREASING OUR JURISDICTION IN THIS WORK, HAD BEEN ADOPTED AND IT WAS CONVICTIONS UNDER THIS ORDINANCE MOSTLY WHICH THE OWNERS APPEALED.

DURING THE YEAR WE COMPLETED INSPECTION OF 910 STRUCTURES IN THE SLUM AREAS WHICH INCLUDED 3,007 SEPARATE FAMILY UNITS AND ALSO MADE 53,560 REINSPECTIONS.

VIOLATIONS FOUND	14,375	VOLUNTARY ABATEMENTS	1,062
ABATEMENTS-		ABATEMENTS-	
RESULT OF HEARINGS	2,482	RESULT OF COURT ACTION	2,901

TOTAL ABATEMENTS -- 6,445

TO ILLUSTRATE THE MULTIPLICITY OF VIOLATIONS IN INDIVIDUAL PREMISES, 317 CASES WERE TURNED IN FOR PROSECUTIONS INVOLVING 2,788 VIOLATIONS OR AN AVERAGE OF 9 VIOLATIONS IN EACH CASE. OF THE 910 BUILDING INSPECTIONS:

3	- WERE UNFIT	3	- WERE RECOMMENDED FOR DEMOLITION
189	- NEEDED MAJOR REPAIRS	523	- NEEDED MINOR REPAIRS
198	- WERE IN GOOD CONDITION	128	- HAD NO VIOLATIONS AT ALL

TYPE OF VIOLATION -- OF THE 14,012 VIOLATIONS FOUND, THE FOLLOWING WERE THE MOST FREQUENT:

6,187	- DEFECTIVE INTERIOR CONSTRUCTION	1,783	- PAINTING AND WALLPAPER
1,000	- DEFECTIVE PLUMBING	998	- DEFECTIVE EXTERIOR CONSTRUCTION
566	- FIRE AND ACCIDENT HAZARDS	323	- INSECT AND RODENT INFESTATION
504	- INSUFFICIENT WATER OR TOILETS	622	- WASTE ACCUMULATION

FUMIGATION AND PEST CONTROL

THE USE OF HYDRO-CYANIC GAS FUMIGATION IS SO EFFICIENT FOR COMPLETE EXTERMINATION OF VERMIN AND RODENTS, THAT WE CONSIDER IT ESSENTIAL ESPECIALLY IN COMMERCIAL FOOD PROTECTION. FOR THAT REASON, AN ORDINANCE WAS ADOPTED SOME YEARS AGO, WHICH REQUIRES THE LICENSING OF ALL SUCH FUMIGATORS, AND INDIVIDUAL PERMITS WITH SUPERVISION OF THIS DEPARTMENT OF EACH JOB. A WRITTEN EXAMINATION IS REQUIRED TO SECURE A LICENSE.

TOTAL FUMIGATIONS	285	RUMMAGE SALE FUMIGATIONS	208
FOOD PLANT FUMIGATIONS	2	INSPECTIONS - RODENTS & INSECTS	367
DEMOLITION OF STRUCTURES INSP.	9	INSPECTIONS - CITY & PRIV. DUMPS	12
TOTAL NUMBER OF INSPECTIONS	388	FACTORY FUMIGATIONS	25
VAULT FUMIGATIONS	48	FREIGHT CAR FUMIGATIONS	2
WRITTEN NOTICES SERVED TO EXTERMINATE	367		

THE USE OF WARFARIN FOR THE CONTROL OF NORWAY AND ROOF RATS AS WELL AS HOUSE MICE IS CONSIDERED BY THIS DEPARTMENT AS A USEFUL AND EFFECTIVE POISON WHEN PROPERLY USED. IT MUST BE INGESTED IN SMALL QUANTITIES OVER A PERIOD OF SEVERAL DAYS TO PRODUCE DEATH. ATTRACTIVE BAITS CONTAINING WARFARIN ARE READILY ACCEPTABLE BY RATS AND MICE AND THERE IS LITTLE INDICATION THAT THEY DEVELOP A SIGNIFICANT AVERSION OR TOLERANCE TO REPEATED FEEDING ON THE POISON. WHILE THIS POISON PROVIDES ONE OR MORE USEFUL TOOLS FOR RODENT CONTROL, IT MUST BE BORNE IN MIND THAT PERMANENT SOLUTION OF THE RAT MENACE STILL REQUIRES STRICT ADHERENCE TO THE PRINCIPLE OF FOOD AND SHELTER ELIMINATION. SANITATION, RAT-PROOFING AND REDUCTIONAL CONTROL BY VARIOUS MEANS ALL REQUIRE CONSTANT APPLICATION.

THIS POISON PROBABLY WOULD KILL ANY WARM-BLOODED ANIMAL IF CONSUMED IN SUFFICIENT QUANTITY OVER A PROLONGED PERIOD OF TIME. USED IN THE CONCENTRATION RECOMMENDED FOR RAT AND MOUSE CONTROL (0.025%) THERE IS A MINIMUM OF DANGER TO OTHER ANIMALS. SUCH DANGER IS REDUCED FURTHER BY USE OF BAITS UNATTRACTIVE TO FLESH-EATING ANIMALS AND BY THE USE OF PROTECTIVE BAIT STATIONS WHERE ACCIDENTAL POISONING IS POSSIBLE. BAITS CONTAINING WARFARIN SHOULD NOT BE EXPOSED IN LOCATIONS WHERE THEY MAY BE FOUND AND CONSUMED BY CHILDREN OR IRRESPONSIBLE PERSONS.

SANITARY DIVISION (CONTINUED)

THE YEAR ALSO BROUGHT A NEW HOUSING ORDINANCE TO CONTROL DUMPING ON PRIVATE PROPERTY IN THE CITY AND IS NOW IN ENFORCEMENT. THIS ORDINANCE WILL, IN A LARGE MEASURE, TEND TO CONTROL FIRES, ODORS AND VERMIN ON THE CITY DUMPS, WHICH HAS BEEN A SOURCE OF COMPLAINT FOR YEARS. A NEW WEED AND DEBRIS REMOVAL ORDINANCE DESIGNED TO EXPEDITE THE REMOVAL OF OFFENSIVE MATERIAL FROM VACANT LOTS IN THE CITY WAS ALSO ENACTED AND WILL SHOW ITS EFFECTIVENESS NEXT SUMMER WHEN WEED GROWTH REACHES MATURITY. IT IS HOPED THAT THE REVISION OF OUR SANITARY CODE RECOMMENDED DURING THE YEAR WILL PRODUCE A MODERN COMPILATION OF EXISTING ORDINANCES TOGETHER WITH THE AMENDMENTS RECOMMENDED THERETO.

POISONOUS WEED ELIMINATION

THE DIVISION CONTINUED THE POISONOUS WEED ELIMINATION DURING THE YEAR IN COOPERATION WITH THE SHADE TREE DIVISION. FIVE HUNDRED LOTS WERE TREATED FOR RAGWEED, POISON IVY, AND OTHER POISONOUS WEED GROWTH USING SIXTY GALLONS OF 20% 2-4D. THE TREATMENT WAS CONSIDERED EFFECTIVE SINCE FEW COMPLAINTS ABOUT WEED GROWTH WERE REGISTERED

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RABIES CONTROL

DR. H. A. TARBELL, CHIEF BACTERIOLOGIST

ALL BITE CASES ARE INVESTIGATED BY A SANITARY INSPECTOR ASSIGNED TO THE BACTERIOLOGICAL LABORATORY. BITING DOGS ARE QUARANTINED ON THE PREMISES. IF ON RE-INSPECTION, 10 DAYS LATER, THE ANIMAL IS STILL ALIVE AND WELL, IT PROVES THAT THE ANIMAL WAS FREE FROM RABIES IN THE INFECTIOUS STAGE AT THE TIME OF BITING, AND THE INDIVIDUAL DOES NOT NEED PASTEUR TREATMENT. THIS WORK REQUIRED 5,625 ORIGINAL AND RE-INSPECTIONS AND VISITS TO RELEASE DOGS FROM QUARANTINE. DURING THE YEAR, 33 DOGS FROM NEWARK AND OUT-OF-TOWN WERE EXAMINED AND FOUND TO BE NEGATIVE FOR RABIES. THIS WAS A MARKED REDUCTION FROM 1946 WHEN 34 NEWARK DOGS WERE PROVEN TO BE RABID AND 1947 WHEN WE FOUND 3 NEWARK RABID DOGS. IT IS THE FOURTH YEAR WITHOUT RABIES IN NEWARK. IN SPITE OF THE FACT THAT OUR LOCAL ORDINANCE REQUIRES DOGS AT LARGE TO BE EITHER LEASHED OR MUZZLED, 2,370 DOG AND OTHER ANIMAL BITES WERE REPORTED AND INVESTIGATED. THESE INCLUDED 34 BITES BY CATS, 28 OTHER ANIMALS AND 7 HUMAN BITES.

SUMMARY	BITES INVESTIGATED -- 2,370	NEWARK DOG BRAINS EXAMINED	- 24 (ALL
		OUT-OF-TOWN " "	- 9 (NEG.
	TOTAL VISITS - 5,625	PASTEUR TREATMENT GIVEN	- NONE

INDUSTRIAL HYGIENE DIVISION

CHARLES J. MAGUIRE, CHIEF INSPECTOR

THE INDUSTRIAL HYGIENE DIVISION, CONTINUED TO CARRY OUT THE VARIOUS ACTIVITIES NECESSARY TO ASSURE GOOD HEALTH AMONG THE NUMEROUS INDUSTRIES IN THE CITY. INCLUDED AMONG THESE, WERE INSPECTIONAL VISITS, ENGINEERING STUDIES AND DETERMINATIONS AND NURSING VISITS.

A TOTAL OF 9,716 VISITS WERE MADE. THIS TOTAL INCLUDED 6,810 INSPECTIONAL VISITS, 1,192 VISITS BY THE DIVISION'S TWO NURSES, 714 VISITS BY THE INDUSTRIAL HYGIENE ENGINEER. IN ADDITION, SIX MULTIPHASIC SCREENING PROJECTS AND ONE COMMUNITY PROJECT WERE CARRIED OUT. AS A RESULT OF THESE PROJECTS, 7,320 INDIVIDUALS WERE X-RAYED, 1,648 WERE BLOOD-TYPED AND SERO-DIAGNOSED FOR SYPHILIS, AND 2,075 PERSONS WERE SCREENED FOR EVIDENCE OF DIABETES. OF THE LATTER, 865 WERE BLOOD SPECIMENS AND 1,210 WERE SPECIMENS OF URINE.

THE DIVISION'S ACTIVITIES WERE CURTAILED SOMEWHAT AS FAR AS INSPECTIONAL VISITS WERE CONCERNED DUE TO THE FACT THAT THE DIVISION WAS SHORT FIVE OF ITS NORMAL COMPLEMENT OF TWELVE INSPECTORS WHO WERE AIDING IN SLUM CLEARANCE. THIS NECESSITATED A REDUCTION IN SELF-INITIATED INSPECTIONS; EMPHASIS, THEREFORE, BEING PLACED ON COMPLAINTS AND THEIR FOLLOW-UP. HOWEVER, IT IS HOPED THAT EARLY IN THE ENSUING YEAR OF 1952, THIS FUNCTIONING PART OF THE DIVISION'S PERSONNEL WILL BE INCREASED TO ITS NORMAL COMPLEMENT OF TWELVE INSPECTORS, THEREBY MAKING AVAILABLE AN INSPECTOR IN EACH OF THE RESPECTIVE DISTRICTS WHICH ARE USED TO COVER INDUSTRIES IN THE ENTIRE CITY.

LISTED DIRECTLY BELOW IS A STATISTICAL SUMMARY OF ACTIVITIES:

TOTAL NUMBER OF VISITS - 9,716

INSPECTIONAL ACTIVITIES DURING 1951 - (TOTAL VISITS 6,810)

COMPLAINT INSPECTIONS	366	ABATEMENTS	275
ORIGINAL INSPECTIONS	4382	WRITTEN NOTICES	147
REINSPECTIONS	583	VERBAL NOTICES	213
TOTAL INSPECTIONS	5331	TOTAL NOTICES	360
VIOLATIONS FOUND	354		

MEDICAL AND NURSING ACTIVITIES - (TOTAL VISITS 1,192)

INDUSTRIAL MEDICAL SURVEYS	51	REQUEST VISITS	52
RECOMMENDATIONS GIVEN	20	RECOMMENDATIONS	194
FOLLOW-UP VISITS	84	LITERATURE DISTRIBUTED	17880

ENGINEERING INVESTIGATIONS - 714

INDUSTRIAL HYGIENE SURVEYS	43	VERBAL NOTICES	2
INSPECTIONS	440	INTERVIEWS	70
RE-INSPECTIONS	149	COMPLAINTS	78
WRITTEN NOTICES	14	COURT CASES	14

GROUP EXAMINATIONS - MULTIPHASIC SCREENING

SERO-DIAGNOSIS OF SYPHILIS	1648
BLOOD TYPING	865
DIABETIC SCREENING - BLOOD	665
" " URINES	1210
POTENTIAL DIABETICS	218
CHEST X-RAYS	7320
SUSPECTS REFERRED FOR FOLLOW-UP	756

VETERINARY DIVISION

DR. H. J. HUGHES, CHIEF VETERINARIAN -- DR. JOHN J. DEVINE, ASST. CHIEF VETERINARIAN

THIS DIVISION IS RESPONSIBLE FOR THE INSPECTION OF ABATTOIRS, BOLOGNA KITCHENS, BUTCHER SHOPS, FISH MARKETS, POULTRY MARKETS AND ALL OTHER ESTABLISHMENTS WHERE MEAT, FISH AND POULTRY ARE SOLD, HANDLED OR PROCESSED. IT ALSO INSPECTS THE COMMISSARIES OF RESTAURANTS, LUNCH ROOMS AND HAMBURGER STANDS, MEAT AND FISH TRUCKS AND LOADING PLATFORMS, AND POULTRY AND MEAT FREIGHT AND EXPRESS CARS. IT ALSO CHECKS ALL DELIVERIES TO CITY HOSPITAL AND OTHER INSTITUTIONS.

THE DIVISION'S FUNCTIONS ARE CARRIED OUT BY A STAFF OF VETERINARIANS AND TRAINED MEAT INSPECTORS, ALL LICENSED BY THE STATE OF NEW JERSEY TO PERFORM SUCH DUTIES.

ALL MEATS OFFERED FOR SALE IN NEWARK MUST BE SLAUGHTERED EITHER UNDER FEDERAL GOVERNMENT SUPERVISION, OUR OWN VETERINARIANS, OR LOCAL VETERINARIANS OF OUTSIDE COMMUNITIES WHERE APPROVED ADEQUATE INSPECTION IS MAINTAINED.

PERIODIC INSPECTIONS ARE MADE OF LOCAL PET SHOPS AS BIRDS AND ANIMALS CAN BE A POTENTIAL SOURCE OF DISEASES TRANSMISSIBLE TO HUMANS.

DURING 1951, MORE THAN 297,000 CARCASSES OF CATTLE, SHEEP, CALVES, HOGS AND GOATS WERE INSPECTED AND RE-INSPECTED. CONDEMNATIONS NUMBERED 281 DURING THE YEAR AND INCLUDED 18 ENTIRE CARCASSES, 4,300 PARTS OF CARCASSES, 132,950 LBS. OF MISCELLANEOUS MEATS, FISH AND PROVISIONS.

	No.	INSPECTIONS		No.	INSPECTIONS
BUTCHER SHOPS	643	10,328	ABATTOIRS	8	40
FISH STORES	78	1,162	PET SHOPS	19	265
BOLOGNA PLANTS	55	2,810	CITY INSTITUTIONS	3	308
POULTRY MARKETS	70	1,135	WHOLESALE BEEF HOUSES	45	1425
REFRIGERATION PLANTS	2	180	" FISH "	6	102
PUBLIC MARKETS	78	704	" LIVE POUL.	9	1912
HORSE MEAT MARKETS	4	278	CLAM HOUSES	4	27

TOTAL INSPECTIONS & RE-INSPECTIONS - 20,566

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DIVISION OF SANITARY ENGINEERING

CHARLES A. FARRO, ACTING CHIEF INSPECTOR

THIS DIVISION ISSUES PERMITS FOR ALL PLUMBING INSTALLATIONS AND MAJOR PLUMBING ALTERATIONS. PLANS MUST BE SUBMITTED AND APPROVED BEFORE PERMITS ARE ISSUED. INSPECTIONS ARE THEN MADE TO SEE THAT WORK IS SATISFACTORY. ALL WORK MUST BE DONE BY MASTER PLUMBERS, LICENSED BY THIS DEPARTMENT. WE ALSO SUPERVISE INSTALLATIONS OF AIR CONDITIONING UNITS AND OIL BURNERS. IN ADDITION TO THIS, WE ALSO COOPERATE WITH OTHER DIVISIONS WHERE DEFECTIVE OR INSUFFICIENT WATER AND PLUMBING FACILITIES ARE INVOLVED. WE ALSO HANDLE DIRECTLY, ALL COMPLAINTS OF SUCH CONDITIONS. THERE WERE 2933 SUCH COMPLAINTS DURING THE YEAR AND 2803 NUISANCES WERE FOUND AND ABATED. WE ALSO COLLECT WATER SAMPLES FROM SWIMMING POOLS, DOMESTIC SUPPLIES, AND WATERSHEDS.

	1943	1944	1945	1946	1947	1948	1949	1950	1951
PLANS APPROVED - NEW SYSTEMS	142	45	130	181	187	223	204	209	170
PLANS APPROVED - OLD SYSTEMS	562	696	696	1103	868	748	832	770	738
SEWER INSPECTIONS	128	126	127	185	217	133	169	69	48
PLUMBING INSPECTIONS	2190	2165	2352	2910	3295	4000	4176	3599	4744
SPECIAL INSPECTIONS	6732	11029	12718	13365	9355	9433	8455	8343	9876
FINAL PLUMBING INSPECTIONS	728	763	812	1110	973	954	957	969	931
WATER TESTS	153	106	108	218	227	207	263	282	253
SMOKE TESTS	48	3	4	5	11	34	39	30	12
COMPLAINTS RECEIVED	583	1785	3251	2932	2600	3300	2835	2684	2933
VIOLATIONS NOTICES SERVED	205	428	485	574	666	921	906	913	879
NOTICES COMPLIED WITH	175	372	421	542	614	897	893	929	868
NUISANCES ABATED		1035	2170	2487	2510	3307	3107	2796	2803
LAW SUITS INSTITUTED	44	8	17	30	55	88	103	70	95
MASTER PLUMBERS LICENSES ISSUED	401	396	394	412	431	424	435	432	443
CROSS CONNECTIONS DISCONTINUED	12	3	1	22	147	17	52	5	25
WATER SAMPLES COLLECTED	1138	1187	1169	600	851	563	652	437	525
DANCE HALLS INSPECTED	282	282	133	166	171	149	186	166	122

COMMUNICABLE DISEASE DIVISION

DR. G. W. GARDNER, MEDICAL DIRECTOR -- WILLIAM S. JENNINGS, CHIEF INSPECTOR

THE CONTAGIOUS DISEASE DIVISION SUPERVISES THE CONTROL AND PREVENTION OF COMMUNICABLE DISEASES, EXCEPTING VENEREAL DISEASES AND TUBERCULOSIS. THIS YEAR HAS BEEN OUTSTANDING IN SEVERAL WAYS, PRIMARILY IN MODERNIZATION OF OUR CONTROL MEASURES. THE USE OF PENICILLIN IN OIL (400,000 UNITS) ON CONTACTS TO SCARLET FEVER AND STREP THROAT, HAS RESULTED IN THE IMMEDIATE RELEASE OF CONTACTS TO SCHOOL OR WORK. MENINGITIS CONTACTS HAVE BEEN GIVEN ONE GRAM OF SULPHADIAZINE BY MOUTH AND IMMEDIATELY RELEASED. THESE MEASURES HAVE CUT DOWN, TO A GREAT EXTENT, THE LOSS OF TIME FOR WAGE EARNERS AND SCHOOL CHILDREN. IN WHOOPING COUGH, CONTACTS WHO WERE IMMUNIZED MORE THAN THREE YEARS BEFORE MAY BE GIVEN A BOOSTER DOSE AND IMMEDIATELY RETURN TO SCHOOL. IF THE IMMUNIZATION HAS BEEN DONE IN LESS THAN THREE YEARS PRIOR TO EXPOSURE, THE CHILD IS PERMITTED TO RETURN TO SCHOOL AT ONCE. CONTACTS WHO HAVE NOT BEEN IMMUNIZED ARE STILL KEPT OUT OF SCHOOL FOR A PERIOD OF 14 DAYS AFTER THE RELEASE OF THE CASE. THESE MEASURES HAVE GIVEN US NO ADVERSE CRITICISM AND NO LET DOWN IN THE CONTROL OF THESE DISEASES.

MORBIDITY REPORT	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	11-YR NORM.
* DIPHTHERIA	2	0	4	1	0	4	2	5	0	1	0	1
* SCARLET FEVER	1087	645	401	642	604	496	433	345	482	112	135	482
TYPHOID FEVER	2	5	8	3	18	2	4	1	0	2	0	3
PARA TYPHOID	3	1	0	0	1	2	1	1	1	0	0	1
TUBERCULOSIS	612	674	705	585	495	575	528	538	536	526	513	585
UNDULANT FEVER	5	0	3	1	5	0	1	3	1	3	1	3
TRICHINOSIS	3	3	5	2	8	5	4	7	3	0	1	3
LOBAR PNEUMONIA	9 2	952	1145	707	732	686	502	452	458	423	351	707
BRONCHO PNEUMONIA	599	597	799	567	545	623	494	629	654	593	489	599
EPIDEM. MENING.	4	36	136	118	52	32	21	10	8	9	11	32
* INFANT. PARALYSIS	18	37	13	29	50	19	17	31	99	49	22	31
** WHOOPING COUGH	1302	1534	1088	294	765	1089	1373	288	486	761	296	1088
MEASLES	4259	4105	4987	3142	191	11392	454	6247	5782	2370	3536	4105
GERMAN MEASLES	6552	379	9113	489	269	1583	171	293	893	1957	295	489
CHICKENPOX	3632	2957	4484	3252	3439	1903	5120	5059	6095	1606	6083	3632
MUMPS	1389	578	3094	2384	358	1263	2787	2760	2319	1304	4069	2319
ERYSIPELAS	89	92	49	62	53	53	40	28	24	25	9	53
VINCENTS ANGINA	98	4 6	428	1173	1568	1207	168	1 94	1148	455	631	173
OPHTHALMIA NEON.	58	91	61	47	68	44	46	45	62	5	5	58
PUERPERAL FEVER	4	0	2	4	1	0	2	0	1	0	0	1
DYSENTERY (AMB.)	2	2	0	2	2	0	0	4	0	0	1	2
TETANUS	2	3	0	2	0	2	1	1	0	0	2	2
INFLUENZA	424	138	194	75	109	57	45	35	32	53	66	75
MALARIA	0	0	0	56	86	46	9	2	0	4	0	4

* PLACARDED

** ARM BAND REQUIRED

THIS YEAR WE HAD A MARKED INCREASE IN MEASLES, CHICKEN POX AND MUMPS, AND LIKEWISE DEFINITE DECREASES IN WHOOPING COUGH, GERMAN MEASLES, INFANTILE PARALYSIS, AND BOTH FORMS OF PNEUMONIA. IN 1951 THERE WERE A TOTAL OF 10,816 CASES AGAINST A TOTAL OF 10,258 FOR THE PRECEDING YEAR. THE DECREASE IN PNEUMONIA IS UNDOUBTEDLY DUE TO THE USE OF THE NEW ANTIBIOTICS, THUS PREVENTING MUCH OF THIS DISEASE AS A COMPLICATING FACTOR

THE DROP IN INFANTILE PARALYSIS IS OUTSTANDING WHEN YOU CONSIDER THAT A DEFINITE INCREASE OCCURRED ELSEWHERE IN THE UNITED STATES. IT IS REASONABLE TO BELIEVE THAT WHOOPING COUGH HAS BEEN REDUCED BY OUR IMMUNIZATION PROGRAM.

COMMUNICABLE DISEASE DIVISION (CONTINUED)

IMMUNIZATION PROGRAM

THIS DEPARTMENT CONTINUED ITS ENERGETIC CAMPAIGN FOR IMMUNIZATION OF CHILDREN AGAINST DIPHTHERIA, WHOOPING COUGH, TETANUS, AND SMALLPOX. THE CONTAGIOUS DISEASE MADE 7254 HOME CALLS IN ITS FOLLOW-UP PROGRAM URGING IMMUNIZATION. (PRIVATE PHYSICIANS, THE CHILD HYGIENE DIVISION, PAROCHIAL AND PUBLIC SCHOOLS, ETC. HAVE ALL COOPERATED). FAILURE TO HAVE A CHILD IMMUNIZED HAS BEEN A PROBLEM OF THIS DIVISION, AND WE HAVE STRONGLY URGED THROUGH OUR STAFF OF INSPECTORS, THAT EACH CHILD BE PROMPTLY TREATED. CONTINUAL NEGLECT OR DELINQUENCY, ON THE PART OF THE PARENTS, LEADS TO THE POSSIBILITY OF LEGAL STEPS WHERE OTHER MEASURES FAIL. HOWEVER, THIS PROGRAM WAS WORKED SO WELL THAT IT HAS BEEN UNNECESSARY FOR MANY MONTHS TO EVOKE LEGAL MEASURES. OF NECESSITY, OUR PROGRAM IS LARGELY ONE OF EDUCATION, EXTENDING OVER A PERIOD OF MANY YEARS. THIS PROGRAM BEGINS WITH A CONGRATULATORY LETTER AT THE AGE OF THREE MONTHS, URGING PARENTS TO HAVE THE CHILD PROPERLY IMMUNIZED AT ONCE BY THEIR PRIVATE PHYSICIAN, OR AT ONE OF THE BABY KEEP-WELL STATIONS. A CONTINUAL FOLLOW-UP PROGRAM IS CARRIED OUR UNTIL WE ARE CERTAIN THAT THE CHILD HAS BEEN SUCCESSFULLY IMMUNIZED. INCIDENTALLY, EVERY WHOOPING COUGH CASE IS STUDIED AS TO SEVERITY AND IMMUNIZATION HISTORY. IN 1951 8% OF CASES IMMUNIZED WERE SEVERE, 25% OF UNIMMUNIZED WERE SEVERE.

IMMUNIZATION RECORD (WHOOPING COUGH & DIPHTHERIA

NOTE OUTSTANDING COOPERATION BY PRIVATE PHYSICIANS

	WHOOPING COUGH			DIPHTHERIA		
	PRIVATE DOCTOR	HEALTH CLINIC	TOTAL	PRIVATE DOCTOR	HEALTH CLINIC	TOTAL
1941	0	4161	4161	2380	2004	4384
1942	177	3697	3874	3798	2296	6094
1943	1095	2819	3914	4593	3074	7667
1944	3653	2951	6604	5486	2951	8437
1945	4542	3052	7594	6084	3052	9136
1946	4917	3339	8256	5937	3339	9276
1947	6046	3324	9370	6787	3324	10110
1948	6303	3389	9692	6619	3389	10008
1949	5616	3352	8967	5849	3352	9201
1950	6405	3295	9700	6607	3295	9902
1951	3836	2202	6038	3838	2202	6040

AS MOST OF THESE TREATMENTS ARE UNDER 1 YEAR OF AGE, PRACTICALLY ALL THE CHILDREN TREATED IN THE PAST 5 YEARS ARE STILL PRE-SCHOOL (43,767 WHOOPING COUGH), (45,262 DIPHTHERIA). AS THE ESTIMATED POPULATION UNDER 5 IS ABOUT 46,000, IT CAN READILY BE SEEN THAT OUR PROPORTION OF PROTECTED PRE-SCHOOL CHILDREN IS ALMOST 100% FOR DIPHTHERIA AND OVER 90% FOR WHOOPING COUGH. AS IN OUR CLINICS, THE BULK OF PRIVATE DOCTOR TREATMENTS ARE WITH COMBINED MATERIAL.

THERE WAS A DECREASE IN TOTAL IMMUNIZATION INASMUCH AS IT WAS DISCONTINUED DURING THE MONTHS OF JULY, AUGUST AND SEPTEMBER, BECAUSE CERTAIN MEDICAL WRITERS FELT THAT THIS MIGHT INFLUENCE THE POLIOMYELITIS FREQUENCY. HOWEVER, THIS SEEMS TO BE PROBLEMATIC, AND IT IS EXPECTED THAT WE SHALL CONTINUE OUR IMMUNIZATION PROGRAM WITHOUT LET-UP THROUGH THE SUMMER MONTHS THIS YEAR.

FOOD & DRUG DIVISION

JOSEPH E. CONNOLLY, ASST. HEALTH OFFICER - DAVID E. MORGAN, CHIEF INSPECTOR

THIS DIVISION IS RESPONSIBLE FOR THE INSPECTION AND CONTROL OF ALL PLACES WHERE FOOD (OTHER THAN MEAT), DRUGS, COSMETICS, ETC., ARE PREPARED OR HANDLED. WE NOT ONLY ENDEAVOR TO SECURE SANITARY HANDLING, BUT ALSO THE PREVENTION OF MISBRANDING OR ADULTERATION, UNDER THE AUTHORITY OF STATE LAWS AND LOCAL ORDINANCES. ESTABLISHMENTS IN THE CITY ITSELF ARE HANDLED BY 6 DISTRICT INSPECTORS WHO KEEP A CONTINUOUS RECORD OF EVERY ESTABLISHMENT AND MAKE MORE FREQUENT INSPECTIONS OF PLACES WHERE THE HAZARD IS GREATEST, SUCH AS RESTAURANTS AND DELICATESSENS. THESE INSPECTORS AID IN SECURING ATTENDANCE AT OUR FOOD HANDLERS TRAINING SCHOOL. DURING THE YEAR WE HAVE COOPERATED WITH THE STATE HEALTH DEPARTMENT AND THE U. S. PUBLIC HEALTH SERVICE IN CASES OF MISBRANDING AND REMOVAL FROM THE MARKET OF DANGEROUS MEDICATIONS. IN ADDITION TO THE LOCAL INSPECTIONS, WE HAVE COMPLETED PLANS FOR A MORE COMPLETE CHECKUP ON THE QUALITY OF INGREDIENTS PRODUCED OUTSIDE OF OUR CITY BUT USED IN PREPARATION OF FOODS.

MILK IS NATURALLY A MAJOR ACTIVITY INASMUCH AS THIS CITY USES 6,000,000 QUARTS EACH MONTH. FOR THIS WORK SIX INSPECTORS ARE ASSIGNED TO COVER PROCESSING AND COUNTRY PLANTS, AS WELL AS A REASONABLE PROPORTION OF THE DAIRIES SUPPLYING THEM. OUR MILK SUPPLY AREA INCLUDES 178 PLANTS IN NEW JERSEY AND THREE NEARBY STATES. OUR CREAM SUPPLY COMES FROM AS FAR AS WISCONSIN. OUR SAMPLE WORK FOR BACTERIOLOGICAL AND CHEMICAL EXAMINATION IS CARRIED OUT BY ONE INSPECTOR WHO ALSO INSPECTS ICE CREAM PLANTS AND PLACES MANUFACTURING OTHER FROZEN CONFECTIONS. IT IS INTERESTING TO NOTE THAT OUT OF 1900 MILK SAMPLES, TOTAL SOLIDS AVERAGED 2.72% AND FAT AVERAGED 3.84% WITH ONLY ONE SAMPLE BELOW STANDARD. THOSE SAME SAMPLES AVERAGED LESS THAN 10,000 BACTERIA PER C.C. IN OTHER WORDS, OUR ENTIRE MILK SUPPLY MET THE REQUIREMENTS EVEN OF CERTIFIED MILK. ONLY 1% OF THESE SAMPLES CONTAINED MORE THAN 100,000 BACTERIA PER C.C. FOLLOWING TABLES ILLUSTRATES TYPE OF WORK CARRIED OUT;

PLACES WHERE FOODSTUFF IS PREPARED OR COOKED

	PLACES	INSPECTIONS
RESTAURANTS, LUNCHROOMS	952	4830
" IN TAVERNS	459	1852
" IN CONFECTION.	246	690
" IN DELICATESS.	56	66
" IN DRUG STORES	43	136
BAKERIES	662	988
MISCELLANEOUS PLANTS	75	794

MISCL. OTHER FOOD ESTABLISHMENTS-INSPECTED

	PLACES	INSPECTIONS
TAVERNS	522	2378
CONFECTIONERIES	572	1844
GROCERY & DELICATESSEN	1274	4849
PRODUCE	308	654
DRUG STORES	182	420
MISCELLANEOUS	575	648
SPECIAL INVESTIGATIONS		2209

TOTAL INSPECTIONS AND INVESTIGATIONS - 22,512

NOTICES SERVED	1711	CASES TURNED IN FOR LEGAL ACTION	17
NOTICES ABATED	1499	HEARINGS ON VIOLATORS	50
COMPLAINTS INVESTIGATED	368	MISC. FOOD SAMPLES TAKEN	435

SOME LARGE CONDEMNATIONS DURING YEAR: 1081 PKGES., 548 CANS & 3546 JARS PRESERVED FOODS; 400 PKGES. FROZEN FOODS; 1800 CHOCOLATE BARS; 375 DOZ. ICE CREAM SANDWICHES; 142,000 QTS. MILK

GLASS SWAB SAMPLES FROM TAVERNS FOR BACTERIOLOGICAL EXAMINATION - 609

BACTERIAL SAMPLES TAKEN - 609	STERILE	383	63%
	COUNTS 1 TO 1,000	95	15%
	" 1,001 TO 100,000	121	20%
	" OVER 100,000	9	1.5%
	SAMPLES SATISFACTORY	598	98.5%
	AVERAGE COUNT	4.00	
*COLI SAMPLES TAKEN - 609	STERILE	549	73%
	COUNTS 1 TO 1,000	57	27%
	" OVER 1,000	1	0.1%
	SAMPLES SATISFACTORY	606	99%
	AVERAGE COUNT	17	
COLON INDEX SAMPLES TAKEN - 609	STERILE	491	85%
	COUNTS 1 TO 50	53	5%
	" OVER 50	63	10%
	SAMPLES SATISFACTORY	544	90%
	AVERAGE COUNT	44	

FOOD & DRUG DIVISION (CONTINUED)

MILK & DAIRY CONTROL

INSPECTIONS REPORT	INSP.	RE-INSP.	TOTAL	EXCLUDED
PASTEURIZING PLANTS	147	9	156	4
RECEIVING PLANTS	157	6	163	-
DAIRIES	7070	328	7398	75

MILK CONDEMNED (IN CITY) 142,000 QTS.
" " (IN COUNTRY) 17,100 QTS.

MILK SAMPLING	No. OF SAMPLES	AVE. BACT. PER C. C.	AVE. % BUTTERFAT	AVE. % TOTAL SOLIDS
GRADES OF MILK				
CERTIFIED RAW	14	8,200	12.99	3.92
CERTIFIED PASTEURIZED	14	7,300	12.83	3.88
PREMIUM PASTEURIZED	497	10,800	13.39	4.31
PASTEURIZED	1063	8,900	12.40	3.66
GRAND AVERAGE	1588	9,500	12.71	3.87

ESTIMATED DAILY MILK CONSUMPTION OF NEWARK (PER CAPITA) 1.2 PINTS

(POPULATION 443,000) DAILY CONSUMPTION 270,820 QTS.

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OCCUPATIONAL CLINIC

WILLIAM T. RUMAGE, M.D., PHYSICIAN-IN-CHARGE M. C. MANNING, OFFICER MANAGER

BY LOCAL ORDINANCE ALL FOOD HANDLERS AND DOMESTICS MUST BE PHYSICALLY EXAMINED AND POSSESS HEALTH CARDS. ON MARCH 1, 1951 A NEW PROCEDURE WAS INAUGURATED SO THAT THE FOODHANDLER AND DOMESTIC CARDS ARE GOOD FOR ONE YEAR INSTEAD OF SIX MONTHS AS PREVIOUSLY. UNDER THE NEW ARRANGEMENT EACH NEW FOODHANDLER OR DOMESTIC IS GIVEN A BLOOD TEST FOR SYPHILIS AND A CHEST X-RAY FOR TUBERCULOSIS. THEREAFTER A BLOOD TEST IS MADE EVERY YEAR AND AN X-RAY EVERY TWO YEARS.

A VAGINAL CULTURE IS TAKEN YEARLY ON DOMESTICS AND A VINCENTS ANGINA SMEAR ALSO IS DONE ON FOODHANDLERS AND DOMESTICS IF MOUTH CONDITION INDICATES.

DURING THE YEAR, 22,779 FOODHANDLERS AND 2,734 DOMESTICS RECEIVED HEALTH CARDS. OF THESE 20,033 FOODHANDLERS AND 2,699 DOMESTICS WERE EXAMINED AT OUR CLINICS, THE OTHERS BY PRIVATE PHYSICIANS.

THE WORK IS PRIMARILY A CASE-FINDING PROGRAM FOR TUBERCULOSIS AND VENEREAL DISEASE, PLACING UNSUSPECTED CASES THUS FOUND, UNDER TREATMENT. IN ADDITION TO THIS, THE PROCEDURE IMPRESSES FOODHANDLERS WITH THE HAZARDS OF DISEASE SPREAD AND THE VITAL NEED OF PERSONAL HYGIENE.

THERE WERE 4 FOODHANDLER REJECTIONS AND 1 DOMESTIC REJECTION DURING THE YEAR. THERE WERE 775 POSITIVE FOR VINCENTS ANGINA. THERE WERE 22 CASES OF SUSPICIOUS SKIN CONDITIONS GIVEN TEMPORARY CARDS UNTIL CLEARED UP. THE VINCENTS ANGINA CASES WERE ALL REQUIRED TO TAKE DENTAL TREATMENT TO IMMEDIATELY CLEAR UP THE MOUTH CONDITION.

WE REJECT ONLY OPEN POSITIVE CASES OF TUBERCULOSIS (NOT NEGATIVE SPUTA CASES). WE DO NOT REJECT POSITIVE VENEREAL DISEASE CASES AS LONG AS THEY TAKE PROPER TREATMENT. INCIDENTALLY WE HAD 119 CASES OF GONORRHEA AND 87 POSITIVE FOR SYPHILIS AMONG DOMESTICS.

THIS CLINIC COOPERATES WITH THE INDUSTRIAL HYGIENE DIVISION BY X-RAYING AND BLOOD-TESTING GROUPS OF EMPLOYEES REFERRED BY THAT DIVISION. SUSPICIOUS X-RAYS ARE REFERRED TO THE CHEST DISEASE DIVISION.

CITY DISPENSARY

PASCAL PACCHI, M.D., MEDICAL RECEIVING OFFICER
MELVINA RYAN, R.N., DIR., PUBLIC HEALTH NURSING - OSCAR B. STEVENS, CHIEF PHARMACIST

THE CITY DISPENSARY PROVIDES CLINIC TREATMENT FOR MEDICALLY INDIGENT AS WELL AS THOSE ON RELIEF. HOME MEDICAL CARE IS ALSO PROVIDED BY DOCTOR CALLS AND PAID FOR BY THE RELIEF DEPARTMENT FOR PATIENTS ACTUALLY ON RELIEF AND BY THE HEALTH DEPARTMENT FOR THOSE NOT ON RELIEF BUT UNABLE TO PAY. THE PATIENT IS GIVEN FREE CHOICE OF PHYSICIAN. THE 61,068 CLINIC TREATMENTS OF THE SICK POOR DO NOT INCLUDE APPROXIMATELY 11,000 VENEREAL DISEASE TREATMENTS, 23,000 TUBERCULOSIS AND CARDIAC EXAMINATIONS AND TREATMENTS, NOR THE EXAMINATION OF 23,000 FOOD HANDLERS AND DOMESTICS. THAT IS MORE TRULY PREVENTIVE MEDICINE AND IS REPORTED UPON ELSEWHERE HEREIN.

THERE WERE 61,068 FREE TREATMENTS DURING THE YEAR FOR 24,768 DIFFERENT PATIENTS. THIS IS ABOUT THE SAME AS OUR TREATMENT LOAD FOR 1949 AND 1950, BUT FAR HIGHER THAN THE LOW POINT OF 24,000 IN 1945 AND 36,000 IN 1947.

FREE PRESCRIPTIONS FOR PATIENTS AT CLINICS OR VISITED BY PHYSICIANS AT HOME, TOTALED 45,868 COMPARED WITH 43,[illegible] LAST YEAR. THIS IS ONLY A 2% INCREASE IN NUMBER BUT INCREASED COST OF PRESCRIPTION INGREDIENTS AMOUNTED TO 35%, FROM $7103 TO $9600. THE PHARMACY ALSO SUPERVISES DISTRIBUTION TO CLINICS AND PRIVATE DOCTORS OF FREE IMMUNIZATION MATERIAL AND TESTING MATERIAL SUCH AS VACCINE POINTS, TOXOIDS FOR DIPHTHERIA, WHOOPING COUGH AND TETANUS (USUALLY COMBINED IN ONE MATERIAL), SCHICK TEST, TYPHOID VACCINE, MEASLES IMMUNE GLOBULIN, TYPHOID, ETC., AS WELL AS SEVERAL THOUSAND BOTTLES OF COD LIVER OIL FOR OUT WELL-BABY STATIONS.

THE DISPENSARY HAS A SMALL STAFF OF MEDICAL SOCIAL WORKERS WHO CHECK ON ABILITY TO PAY. IN ADDITION TO PERSONAL INTERVIEW OF NEW PATIENTS, SPOT-CHECK HOME VISITS ARE MADE, ESPECIALLY FOR DOCTOR VISITS TO THE HOME. WITH DOCTOR VISITS, WE MUST NATURALLY SEND A PHYSICIAN FIRST, AND IF THE DOCTOR SUGGESTS ABILITY TO PAY, WE INVESTIGATE AND BILL IF NOT ELIGIBLE. NO FUTURE CALLS ARE PAID FOR INELIGIBLES. ABOUT 25% OF THE PATIENTS HANDLED THIS YEAR WERE RELIEF CLIENTS. WHEN THERE IS A DECREASE IN FREE MEDICAL CARE DUE TO IMPROVED ECONOMIC CONDITIONS, THERE IS A GREAT REDUCTION IN THE RELIEF GROUP BUT AN INCREASE IN THE MEDICALLY INDIGENT, (NOT TOTALLY INDIGENT BUT WE MUST SUPPLY MEDICAL CARE). IN RECENT YEARS, THE PERCENTAGE OF RELIEF CLIENTS HAS BEEN AS HIGH AS 40%. MANY GRADUATE FROM TOTAL INDIGENCY TO A SLIGHTLY HIGHER STATUS BUT STILL BELOW ABILITY TO PAY FOR MEDICAL CARE.

HOME CARE OF THE SICK - DOCTORS OF PATIENTS' OWN CHOICE MADE 6,935 CALLS OF WHICH 2,825 WERE ON RELIEF AND PAID FOR BY THE RELIEF DEPARTMENT. THE OTHER 4,110 WERE MEDICALLY INDIGENT AND WERE PAID FOR BY THE HEALTH DEPARTMENT AT AN AVERAGE COST OF $3.40 PER VISIT. ($3.00 FOR DAY CALLS - $5.00 AFTER 11 P.M.) THE VISITING NURSE ASSN MADE 5,711 HOME NURSING VISITS FOR THE SICK. OF THESE 27% WERE PAID BY THE RELIEF DEPARTMENT AND 73% BY THE HEALTH DEPARTMENT, AT $2.51 PER CALL.

OUR NEIGHBORHOOD DENTAL CLINICS FOR CHILDREN ONLY NOW TOTAL NINE. THE MAIN DENTAL CLINIC TREATS CHILDREN ON 3 DAYS AND ADULTS 2 DAYS. CHILDREN'S DENTAL TREATMENTS NUMBERED 15,103 FOR BOTH PUBLIC AND PAROCHIAL SCHOOL CHILDREN.

CLINIC TREATMENTS	1951	1950	1949
MEDICAL	8328	8642	7917
CHILDREN	2095	2272	2428
SURGICAL	2897	3608	3760
GYNAECOLOGICAL	531	749	701
SKIN	5477	5280	3982
RECTAL & G.I.	1727	1879	2270
ORTHOPEDIC	1503	1404	1021
DENTAL - ADULT	3222	3514	4541
" - CHILDREN	15103	15238	12755
NEURO-PSYCHIATRIC	883	1083	977
ESSEX CO.HOSP.PAROLEES	31	77	85
NERVOUS DISEASES	1616	1439	1614
METABOLIC	1411	1388	1269
VARICOSE VEINS	922	1011	1093
VACCINATION	539	639	761
ALPINE LAMP	239	476	308
MASSAGE & ELEC. THERAPY	1634	2059	2435
TESTS-IMMUNIZATIONS	4086	4039	974

	1951	1950	1949
INSULIN & OTHER INJEC.	2566	2074	2113
CIRCUMCISION	-	85	282
TUMOR	132	168	128
EYE	625	490	386
EMPLY.DIAGNOSTIC CLINIC	1956	786	3043
TOTAL TREATMENTS	61068	61626	6428
DIFF. PATIENTS TREATED	24768	16724	19565
PRESCRIPTIONS	44809	43131	44364
X-RAYS DENTAL FILM	3253	2898	2151
" CHEST FILM 4X5	19314	26678	29632 *
" " " 14X17	5486	7081	7538
" MISC. CLINICS	1623	1304	2043
DOC.CALL PD BY REL EF DEPT.	2825	4080	4206
" " " " HEALTH "	4110	4626	4624

* DISP. X-RAY LAB. MADE 24,800 CHEST X-RAYS FOR T.B. DETECTION PROGRAM.

CHEST DISEASE DIVISION

DR. IRVING ILLNER, DIRECTOR -- DR. JAMES JASO, ASST. DIRECTOR
MAE WACKENHUTH, R.N., SUPERVISING NURSE

TUBERCULOSIS CONTROL (MORTALITY LOWEST EVER) THE TUBERCULOSIS DEATH RATE THIS YEAR THIS YEAR REACHED A NEW LOW, 38.1, THE MOST SENSATIONAL DROP IN YEARS, FALLING ALMOST 20% BELOW THE 1950 RATE, WHICH HAD ALSO BEEN THE LOWEST ON RECORD. SOME OF THIS DROP IS PROBABLY DUE TO BETTER HYGIENE AND IMPROVED MEDICATION. MUCH OF THE DECLINE, WE BELIEVE, IS THE RESULT OF OUR INTENSIVE CONTROL PROGRAM. FOR TWENTY-FIVE YEARS PRIOR TO 1944, TUBERCULOSIS MORTALITY HAD STEADILY DECLINED; THEN FOR THREE YEARS IT REMAINED STATIONARY. INCREASED ACTIVITY, WITH NUMEROUS MASS X-RAY SURVEYS TUBERCULIN TESTING PROGRAM AND PROMPT TREATMENT REVERSED THE DOWNWARD TREND. THIS FALL IN MORTALITY IS PARTICULARLY ENCOURAGING WHEN WE CONSIDER OUR EXTENSIVE SLUM AREAS, WHERE TUBERCULOSIS IS MOST PREVALENT AND FATAL. TUBERCULOSIS PROPAGATES AS THE RESULT OF FREQUENT AND MASS EXPOSURE TO THE TUBERCLE BACILLUS. IN SLUMS WHERE FAMILIES LIVE IN OVER-CROWDED, POORLY VENTILATED FLATS AND WHERE SANITATION AND PERSONAL HYGIENE IS SUBNORMAL, CONTACT WITH AN ACTIVE CASE RAPIDLY SPREADS THE INFECTION. FOR THESE REASONS WE HAVE INTENSIFIED OUR PROGRAM IN THE SLUM SECTIONS.

ALTHOUGH THE TUBERCULOSIS DEATH RATE HAS DRAMATICALLY FALLEN, THE DISEASE IS NOT UNDER CONTROL, AND IS STILL ON THE INCREASE.

DURING THE PAST YEAR, 846 CHILDREN WERE TUBERCULIN TESTED IN OUR CLINICS. ALL POSITIVE REACTORS ARE X-RAYED AS WELL AS ALL MEMBERS OF THE FAMILY AND CLOSE CONTACTS.

MASS X-RAY PROGRAMS WERE CARRIED OUT BY MEANS OF STATIONARY AND MOBILE UNITS WITH THE ASSISTANCE OF ASSOCIATE AGENCIES. UNITS WERE SET UP IN SLUM AREA SCHOOLS AND THOUSANDS HAVE BEEN X-RAYED. A MOBILE UNIT FURNISHED BY THE STATE DEPARTMENT OF HEALTH MOVED FROM PLACE TO PLACE OVER A PERIOD OF TWO MONTHS.

THE PROBLEM IN CONTROL IS STILL THE MANY CASES NOT RECOGNIZED UNTIL LONG AFTER THEY HAVE REACHED THE MOST INFECTIOUS STAGES, AND EVEN AFTER DEATH. DURING 1951, 2 % OF OUR DEATHS WERE UNKNOWN DURING THEIR LIFETIME. THESE INDIVIDUALS HAD MINGLED FREELY WITH FAMILY, FRIENDS AND THE PUBLIC, SERVING AS FOCI OF INFECTION. ONLY PERIOD C EXAMINATIONS AND CHEST X-RAYS CAN IMPORVE THAT SITUATION.

OUR PNEUMOTHORAX (LUNG COLLAPSE) CLINIC GAVE 415 TREATMENTS DURING THE YEAR. CLINICAL EXAMINATIONS WERE 9,300. THERE WAS AN INCREASE IN THE NUMBER OF X-RAYS TAKEN BY OUR DIVISION, 7,459 PLATES FROM WHICH [illegible] ACTIVE CASES OF TUBERCULOSIS WERE LOCATED. THESE PATIENTS WERE IMMEDIATELY PLACED UNDER TREATMENT AND MOST OF THEM SENT TO COUNTY AND STATE SANATORIA. IN ADDITION WE EXAMINED [illegible],284 PLATES FOR OTHER CLINICS. THE PLATES FROM THE DISPENSARY AND OCCUPATIONAL CLINIC REVEALED THE FOLLOWING:

FOOD HANDLER TEMPORARY CARDS	257	CARDIAC PATHOLOGY	175
ACTIVE TUBERCULOSIS	16	ARRESTED TUBERCULOSIS	9
EMPHYSEMA	6	TUMOR OF LUNGS	5
ABCESS OF LUNGS	2	CYSTIC LUNG	1
BRONCHIECTASIS	1		

WE MADE 1609 FLUOROSCOPIC EXAMINATIONS DURING THE YEAR AND EXAMINED 778 CHILDREN LEAVING FOR SUMMER CAMPS. NURSES' VISITS AND INVESTIGATIONS INCREASED DURING 1951, 27,788 VISITS BEING MADE TO HOMES IN ROUTINE FOLLOW-UP OF ACTIVE AND SUSPICIOUS CASES. DURING THEIR ROUTINE INVESTIGATIONS, 15,247 PATIENTS AND 8,42[illegible] CONTACTS WERE INTERVIEWED AND INSTRUCTED.

CARDIAC DISEASE CONTROL DURING 1951, 4,863 EXAMINATIONS WERE MADE IN OUR CARDIAC CLINIC, 851 ELECTROCARDIOGRAMS TAKEN, AND 4,498 INJECTIONS OF MERCUHYDRIN GIVEN IN TREATMENT. THE FOLLOWING ETIOLOGICAL CLASSIFICATION WAS MADE:

HYPERTENSIVE HEART DISEASE	630	ARTERIOSCLEROTIC HEART DISEASE	235
NO ORGANIC HEART DISEASE	207	RHEUMATIC HEART DISEASE	76
SYPHILITIC HEART DISEASE	66	COR PULMONALE	23
CONGENITAL HEART DISEASE	11	HYPERTHYROID HEART DISEASE	7
PERICARDITIS	4	SECONDARY ANEMIA	4
CARDIAC NEUROSIS	1	SCLERODERMA	1

CHEST DISEASE DIVISION (CONTINUED)

HAY FEVER AND ASTHMA CLINIC — DURING THE PAST YEAR 1,707 EXAMINATIONS WERE MADE. THESE CASES ARE REFERRED FROM OTHER CLINICS IN THE CITY DISPENSARY OR BY PHYSICIANS WHEN A PATIENT CANNOT AFFORD PRIVATE CARE.

DIVISIONAL WORK

VISITS, INVESTIGATIONS BY NURSES	27,788
CLINIC EXAMINATIONS - ADULTS & CHILDREN	9,300
CLINIC EXAMINATIONS - CARDIAC	4,863
CLINIC EXAMINATIONS - HAY FEVER & ASTHMA	1,707
X-RAYS	7,459
FLUOROSCOPIC EXAMINATIONS	1,609
PNEUMOTHORAX TREATMENTS	415
CAMP CHILDREN EXAMINATIONS	778
PATCH TESTS	846
ELECTROCARDIOGRAMS	851
MERCUHYDRIN INJECTIONS	4,498

SANATORIA & HOSPITAL EXAMINATIONS

VERONA - COUNTY SANATORIUM CLINIC	257
GLEN GARDNER - STATE SANATORIUM CLINIC	78
SOHO - COUNTY HOSPITAL CLINIC	19
FARMINGDALE - STATE PREVENTORIUM CLINIC	3

FOOD HANDLER & DOMESTIC WORK

FOOD HANDLER RE-EXAMINATIONS	170
" " TEMPORARY CARDS ISSUED	139
" " REJECTIONS	4
DOMESTIC RE-EXAMINATIONS	40
" TEMPORARY CARDS ISSUED	32
" REJECTIONS	1

EXAMINATIONS - NEIGHBORHOOD CLINICS

BAXTER COURT	68
CUTLER CLINIC	64
FERRY STREET	33
SETH BOYDEN	23
PENNINGTON COURT	29
WEST STREET	32

DEATHS (LAPSE OF TIME AFTER REPORT CASE)

NO. CASES REPORTED PRIOR TO DEATH	WITHIN 1 YEAR	60	35 %
	1 TO 2 YEARS	12	10
	2 TO 3 YEARS	20	12
	3 TO 4 YEARS	7	4
	4 YEARS & OVER	29	18
	TOTAL BEFORE DEATH	133	79 %
NO. CASES REPORTED AFTER DEATH		36	21 %

(SEE STATISTICAL TABLES FOR MORTALITY AND MORBIDITY)

DIVISON OF CHILD HYGIENE

DR. JULIUS LEVY, DIRECTOR -- MRS. MEREDITH EHRICH, SUPERVISING NURSE

THE INFANT MORTALITY RATE (DEATHS UNDER YEAR PER 1000 LIVING BIRTHS) IN 1951 WAS 27.0 OR THE LOWEST EVER RECORDED.

THERE HAS BEEN AN INCREASE IN THE MORTALITY RATE UNDER ONE DAY FROM 8.7 PER 1,000 BIRTHS IN 1950 TO 10.4 PER 1,000 BIRTHS IN 1951, WHICH REPRESENTS AN INCREASE OF ABOUT 20%, WHILE THE RATE OVER ONE DAY BUT UNDER ONE WEEK HAS DECREASED FROM 9.7 IN 1950 TO 8.7 IN 1951. THERE HAS, MOREOVER, BEEN A CONSIDERABLE REDUCTION IN THE MORTALITY RATE OVER ONE WEEK BUT UNDER ONE MONTH FROM 3.3 IN 1950 TO 2.6 IN 195 . THE OTHER RATES REMAINED PRACTICALLY THE SAME; THAT IS, THE RATE UNDER ONE MONTH WAS 21.8 IN 1950 AND THE SAME IN 1951, WHILE THE RATE OVER ONE MONTH BUT UNDER ONE YEAR WAS 5.3 IN 1950 AND THE SAME IN 1951. INCIDENTALLY, THIS RATE, WHICH WE CALL POST NEO-NATAL IS THE LOWEST EVER RECORDED. THIS IS THE AGE GROUP WHERE OUR WORK CAN ACCOMPLISH THE MOST GOOD.

THERE HAS BEEN A VERY IMPRESSIVE REDUCTION IN THE MATERNAL MORTALITY. OUT OF A TOTAL OF 14,020 BIRTHS THERE WERE ONLY 7 MATERNAL DEATHS, GIVING A MATERNAL MORTALITY RATE OF .5 PER 1,000 BIRTHS AS CONTRASTED WITH A RATE OF .9 IN 1950 AND 1.2 IN 1949.

THE BIRTHS IN 195. HAVE BEEN INCREASED BY ALMOST 900 OVER 1950 - 14,020 IN 1951 AS AGAINST 13,174 IN 1950. THE NURSES OF THE DIVISION MADE 91,484 VISITS TO THE HOMES TO TEACH MOTHERS THE GENERAL CARE, FEEDING AND MANAGEMENT OF THEIR INFANTS, WHILE MOTHERS HAVE MADE 13,479 VISITS TO THE BABY-KEEP-WELL STATIONS DURING THE PAST YEAR. COPIES OF BIRTH CERTIFICATES WERE DELIVERED BY THE NURSES TO 7,356 MOTHERS OF NEWBORN BABIES TO MAKE SURE THAT THESE BIRTHS WERE CORRECTLY REPORTED, AND TO CONTACT THE MOTHERS.

WE HAVE CONTINUED TO STRESS IN OUR TEACHING OF MOTHERS THE EMOTIONAL AND MENTAL DEVELOPMENT OF CHILDREN AND THE IMPORTANCE OF ANTICIPATORY GUIDANCE. TO FURTHER THIS PHASE OF OUR WORK DISCUSSION GROUPS HAVE BEEN HELD REGULARLY WITH OUR MEDICAL STAFF AND WITH OUR NURSING STAFF DEALING WITH THE DEVELOPMENT OF CHILDREN AND LOOKING TOWARDS AN IMPROVEMENT IN PARENT-CHILD RELATIONSHIPS. FILMS ON RELATED SUBJECTS HAVE BEEN SHOWN TO THE STAFF AND DISCUSSED, AND A SERIES OF THESE FILMS WERE SHOWN AT VARIOUS BABY-KEEP-WELL STATIONS FOR MOTHERS OF THE NEIGHBORHOOD. THESE FILM SHOWINGS WERE ALWAYS FOLLOWED BY GROUP DISCUSSIONS BETWEEN THE DOCTORS, NURSES AND MOTHERS.

THE LICENSING OF BOARDING HOMES WAS STARTED IN 1915, WHEN AN ORDINANCE WAS PASSED REQUIRING ALL PERSONS WHO BOARDED CHILDREN TO OBTAIN A LICENSE FROM THE DEPARTMENT OF HEALTH, FOLLOWING AN ENABLING ACT BY THE LEGISLATURE. AS A RESULT BABY FARMS AND UNDESIRABLE BOARDING HOMES HAVE BEEN ELIMINATED FROM THE CITY.

THE STUDY AND INVESTIGATION OF BOARDING HOMES ENTAILS CONSIDERABLE EFFORT AND TIME, AS THE PURPOSE IS NOT ONLY TO DETERMINE IF THE HOME IS PHYSICALLY ACCEPTABLE BUT ALSO TO LEARN IF THE APPLICANT SEEMS TO BE THE KIND OF PERSON WHO WILL GIVE THE RIGHT KIND OF "MOTHERING" CARE. THIS IS A MAJOR ACTIVITY OF OUR SOCIAL WORKER. PARTICULARLY WHEN INFANTS UNDER ONE YEAR ARE TO BE PLACED, AN ADDITIONAL STUDY IS MADE BY OUR SUPERVISING NURSE. ONCE A LICENSE IS ISSUED, THE NURSE IN THE DISTRICT VISITS MONTHLY TO GIVE THE SAME KIND OF GUIDANCE AND SUPERVISION WHICH A NATURAL MOTHER WOULD RECEIVE.

NOT ALL HOMES ARE INVESTIGATED BY US. AN ARRANGEMENT HAS BEEN MADE WITH THE SOCIAL AGENCIES THAT ANY HOMES WHICH THEY HAVE INVESTIGATED AND RECOMMEND WILL BE LICENSED WITHOUT A DUPLICATE INVESTIGATION BY OUR DEPARTMENT. THESE HOMES ARE RESERVED IN OUR FILES FOR THE AGENCY RECOMMENDING THEM, AND UNDER NO CIRCUMSTANCES ARE THEY GIVEN TO ANYONE ASKING FOR A LICENSED BOARDING HOME.

BECAUSE OF THE GREAT SHORTAGE OF FOSTER HOMES IT HAS BEEN NECESSARY TO MAKE SURE THAT PERSONS LICENSED FOR A DEFINITE NUMBER OF CHILDREN DO NOT EXCEED THIS NUMBER OR, IN SOME INSTANCES, URGE UPON THE AGENCIES THAT THEY DO NOT ATTEMPT TO GET THE FOSTER MOTHER TO TAKE MORE CHILDREN THAN WERE APPROVED IN THE ORIGINAL LICENSE.

CHILD HYGIENE DIVISION (CONTINUED)

THROUGH OUR NURSES WE LEARN OF UNLICENSED BOARDING HOMES. ATTEMPTS ARE MADE THEN EITHER TO LICENSE THEM, IF THEY MEET THE REQUIREMENTS, OR TO HELP THE FOSTER MOTHERS TO HAVE THE CHILDREN RETURNED TO THEIR PARENTS OR PLACED ELSEWHERE BY SOME AGENCY. OUR DEPARTMENT DOES NOT ATTEMPT TO PLACE CHILDREN.

MANY REQUESTS ARE RECEIVED IN OUR OFFICE FOR BOARDING HOMES. THERE HAS BEEN A GREAT INCREASE IN THE NEED FOR DAY CARE AS WELL AS FOR OVER-NIGHT CARE. IT WOULD SEEM THAT THE CITY SHOULD ASSUME MORE RESPONSIBILITY IN DEVELOPING DAY-CARE CENTERS. THE NEWARK HOUSING AUTHORITY HAS BEEN VERY INTERESTED AND SYMPATHETIC TOWARDS MAKING AVAILABLE SUCH PLACES IN THE NEW HOUSING PROJECTS. IT WOULD BE NECESSARY, HOWEVER, TO MAKE AVAILABLE ADEQUATE STAFF FOR THE CARE OF CHILDREN AND PROVISION FOR THE CARE AND FEEDING OF CHILDREN WHILE THEY ARE IN THE CHILD-CARE CENTERS.

DURING 1951, 183 BOARDING HOMES HAVE BEEN STUDIED FOR LICENSING OR RENEWAL OF LICENSE. OF THIS NUMBER, 64 NEW HOMES WERE LICENSED, 65 LICENSES WERE RENEWED, 19 HOMES WERE REJECTED, 4 APPLICATIONS WERE WITHDRAWN, AND 31 HOMES WERE CLOSED.

NURSES' ACTIVITIES

YEAR	SUPERVISED BABIES BORN DURING YEAR	TOTAL NO. OF SUPERVISED BABIES UNDER TWO YEARS	NURSES' VISITS TO HOMES	MOTHERS' VISITS TO CONSULTATION STATIONS
1920	3,167	3,011	32,591	3,963
1925	4,010	7,490	42,477	7,801
1930	4,777	8,437	61,445	32,298
1935	4,060	12,948	72,877	25,903
1940	5,364	13,591	64,135	24,597
1945	6,834	12,439	72,373	11,040
1950	7,710	14,341	96,025	13,675
1951	7,356	13,755	91,484	13,479

PAROCHIAL SCHOOL MEDICAL INSPECTION

MARY J. HOBAN, B.S., R.N., ACTING SUPERVISOR NURSE

INASMUCH AS THE SERVICES OF THE BOARD OF EDUCATION ARE LIMITED TO PUBLIC SCHOOL CHILDREN, MEDICAL INSPECTION, HEALTH EDUCATION AND HEALTH SERVICES PROVIDED FOR APPROXIMATELY 15,500 PRIMARY AND SECONDARY SCHOOL CHILDREN IN 31 LOCAL PAROCHIAL SCHOOLS BY OUR HEALTH DEPARTMENT. THE HEALTH OFFICER DIRECTORS THE ACTIVITIES OF THIS DIVISION, ASSISTED BY PHYSICIANS OF THE CITY DISPENSARY, A SUPERVISING NURSE AND A STAFF OF NURSES. ALL NEW CHILDREN ARE EXAMINED, AS WELL AS THOSE IN THE FIRST, FOURTH, EIGHTH, TENTH AND TWELFTH GRADES BY THE SCHOOL PHYSICIANS EACH YEAR. FOLLOWING THE HEALTH EXAMINATION, AN INTENSIVE PROGRAM OF FOLLOW-UP WORK IS DONE BY THE NURSES FOR THE PURPOSE OF GETTING AS MANY OF THOSE DEFECTS FOUND, CORRECTED OR CURED, AS POSSIBLE.

FOR THE NURSE TO CARRY OUT A SUCCESSFUL SCHOOL HEALTH PROGRAM, IT IS IMPORTANT THAT SHE ENLIST THE COOPERATION OF THE FAMILIES, SCHOOL PERSONNEL, AND THE COMMUNITY PHYSICIANS AND DENTISTS IN THIS WORK. SUPPLEMENTARY AID IN THE CORRECTION OF DEFECTS IS GIVEN BY THE CITY DISPENSARY PHYSICIANS AND DENTISTS FOR APPLICANTS WHO ARE FOUND TO BE MEDICALLY INDIGENT AND WHO ARE IN NEED OF CARE. OTHERS WHO CAN AFFORD TO PAY A SMALL FEE ARE ADVISED TO SEEK AID FROM THE VARIOUS HOSPITAL CLINICS IN THE CITY. THOSE ABLE TO PAY ARE ADVISED TO GO TO FAMILY PHYSICIANS OR DENTISTS.

THE HEALTH OF THE SCHOOL CHILD IS CONSIDERED IN ALL ASPECTS,- PHYSICAL, MENTAL, EMOTIONAL AND SOCIAL. COOPERATIVE RELATIONSHIP HAS BEEN ESTABLISHED BETWEEN THE VARIOUS DIVISIONS OF THE HEALTH DEPARTMENT, THE SOCIAL AGENCIES AND THE PAROCHIAL SCHOOL DIVISION NURSES. FAMILIES NEEDING ASSISTANCE ARE GUIDED BY THE NURSES TO THE PROPER SOCIAL AGENCY FOR HELP. THE DEPARTMENT SOCIAL SERVICE WORKER ASSISTS THE NURSES WITH HANDLING DIFFICULT PROBLEMS. CHILDREN WITH ABNORMAL BEHAVIOR PROBLEMS ARE REFERRED TO ESSEX COUNTY CHILD GUIDANCE CLINIC FOR PSYCHOLOGICAL OR PSYCHIATRIC EXAMINATIONS.

A CUMULATIVE HEALTH RECORD IS KEPT FOR EACH CHILD. ALL CHILDREN ARE WEIGHED, MEASURED AND INSPECTED FOR DEFECTS EACH YEAR. ALL ARE REQUIRED TO BE VACCINATED AND IMMUNIZED. AS DIPHTHERIA IMMUNIZATION LASTS ONLY 3 OR 4 YEARS, REIMMUNIZATION IS URGED AND USUALLY RECEIVED EVERY THREE YEARS UP TO TEN YEARS OF AGE. MANY CHILDREN HAVE BEEN DONE BY THEIR OWN FAMILY DOCTOR DURING THE PAST FEW YEARS.

DURING THE PAST YEAR, ALL HIGH SCHOOL STUDENTS, AND THOSE IN THE SEVENTH AND EIGHTH GRADES WERE TUBERCULOSIS PATCH-TESTED. ALL POSITIVE REACTORS WERE X-RAYED AT THE HEALTH DEPARTMENT. THOSE IN NEED OF FURTHER FOLLOW-UP WERE PLACED UNDER THE SUPERVISION OF THE FAMILY OR CLINIC PHYSICIAN.

MUCH USE IS MADE OF NINE NEIGHBORHOOD HEALTH DEPT. DENTAL CLINICS, FOUR OF WHICH ARE HOUSED IN PAROCHIAL SCHOOL BUILDINGS. NURSES WHO ARE ASSIGNED TO THESE SCHOOLS ASSIST THE DENTIST, KEEP RECORDS, ETC. INCIDENTALLY, THESE CLINICS ARE FOR BOTH PUBLIC AND PAROCHIAL SCHOOL CHILDREN OF THE NEIGHBORHOOD.

CLASSES OF SENIOR HIGHSCHOOL GIRLS ARE INSTRUCTED BY OUR NURSES IN "HOME CARE OF THE SICK AND CHILD CARE", UNDER THE AUSPICES OF THE AMERICAN RED CROSS HOME NURSING DEPARTMENT AND THE DEPARTMENT OF HEALTH. LECTURES ON HEALTH ARE ALSO GIVEN TO THE HIGH SCHOOL STUDENTS AND TO PARENT-TEACHER GROUPS, AND CLASS TALKS ARE GIVEN IN ALL SCHOOLS BY OUR NURSES.

AN AUDIOMETRIC TESTING PROGRAM WAS CONDUCTED THIS FALL BY A FEW NURSES. DURING THE FALL OF THIS YEAR, SOME OF OUR NURSES ATTENDED NEWARK STATE TEACHERS COLLEGE WHERE THEY TOOK A "COURSE" IN AUDIOMETRIC TESTING" AND THE USE OF HEARING AIDS IN ORDER TO PREPARE THEMSELVES FOR THIS WORK.

TABLE ON FOLLOWING PAGE GIVES DATA AS TO DEFECTS FOUND, CORRECTIONS, CLASS TALKS, VISITS, ETC.

PAROCHIAL SCHOOL MEDICAL INSPECTION (CONTINUED)

PAROCHIAL SCHOOL ACTIVITIES

1 -	GROWTH SURVEY WORK INCLUDING HEIGHT, WEIGHT, SCREENING OF VISION, HEARING, INSPECTION FOR DEFECTS OF TEETH, SKIN, PERSONAL HYGIENE, ETC. - (NURSE EXAMINATIONS) - - - - - - -	18,489
2 -	EXAMINATIONS BY PHYSICIANS -	12,032
3 -	EXAMINATION AND TREATMENTS BY DENTISTS - - - - - - - - - - - - - - -	5,547
4 -	CLASS INSPECTIONS AND TALKS - - - -(TOTAL ATTENDANCE) - - - - - - -	60,134
5 -	OFFICE CONFERENCE BY NURSES WITH PARENTS, TEACHERS, SCHOOL PRINCIPALS, SOCIAL WORKERS AND OTHERS - - - - - - - - - - -(TOTAL ATTENDANCE) - - - - - - -	23,875
6 -	HOME CALLS MADE -	870
7 -	SCHOOL EXCLUSIONS FOR VARIOUS REASONS - - - - - - - - - - - - - - - - -	2,677
8 -	OTHER SERVICES, SUCH AS VACCINATIONS, IMMUNIZATIONS, PATCH TESTS, RE-IMMUNIZATIONS, SHICK TESTS, FIRST AID, AUDIOMETRIC TESTS, ETC. -	25,680
9 -	HOME NURSING CLASSES CONDUCTED IN SECONDARY SCHOOLS, APPROXIMATELY 20 STUDENTS TO EACH CLASS (DIFFERENT NUMBER OF GROUPS) - - - - - - - - - - - - - - - - - - -	355
10 -	HEALTH LECTURES GIVEN BY NURSES IN SECONDARY SCHOOLS AND AT PARENT-TEACHER MEETINGS -	103

	DEFECTS FOUND	CORRECTED
TEETH - - - - - - - - - -	6946	5547
VISION - - - - - - - - -	1076	1031
SKIN - - - - - - - - - - -	724	693
NOSE & THROAT - - - - - -	1574	524
CARDIAC - - - - - - - - -	112	107
POOR POSTURE - - - - - - -	377	308
PEDICULOSIS - - - - - - -	1130	1022
BEHAVIOR PROBLEMS - - - -	106	62
NUTRITION - - - - - - - -	967	482
PERSONAL HYGIENE - - - - -	226	221
ORTHOPEDIC - - - - - - - -	55	38
EAR - HEARING - - - - - -	1016	544
SPEECH - - - - - - - - - -	193	59
OTHERS - - - - - - - - - -	355	307

VENEREAL DISEASE CONTROL DIVISION

DR. EDMOND EDELSON, PHYSICIAN-IN-CHARGE

THE VENEREAL DISEASE DIVISION HAS EMBARKED DURING THE PAST FEW YEARS, ON AN EXTENSIVE PROGRAM OF EDUCATION AMONG THE GROUPS SUPPLYING MOST OF OUR PATIENTS. THE DIVISION HAS ALSO ATTEMPTED TO SIMPLIFY PROCEDURES FOR THE PATIENTS AND TO IMPROVE FACILITIES FOR VENEREAL DISEASE STUDY WHEREBY CASES CAN BE MORE ACCURATELY DIAGNOSED AND AT AN EARLIER STAGE. OUR STATISTICS NOW SHOW THE BENEFICIAL RESULTS AS DO THOSE OF MOST OTHER UP-TO-DATE AND PROGRESSIVE CLINICS IN LARGE CENTERS SUCH AS NEWARK WHERE SIMILAR PROGRAMS ARE UNDER WAY. TOGETHER WITH THE NEWER AND MORE ACTIVE ANTI-VENEREAL MEDICATIONS THE ABOVE FACTORS HAVE ALL CONTRIBUTED TO THE VERY GRATIFYING DECREASE IN SYPHILIS, BOTH NEW AND OLD CASES.

GONORRHEA PATIENTS ARE BEGINNING TO COMPREHEND THE EDUCATIONAL PROGRAM. DUE TO THE GREAT INFECTIVITY OF THIS DISEASE NO APPRECIABLE DECREASE IN ITS INCIDENCE HAS AS YET BECOME OBVIOUS BUT IT IS BELIEVED THAT THIS DISEASE ALSO WILL SOON FALL INTO THE CATEGORY OF THE WELL CONTROLLED.

OUR DIVISION, IN ADDITION TO OUR CLINIC EXAMINATION AND TREATMENT WORK HAS HERETOFORE BEEN BURDENED WITH A LARGE STAFF FOR HOME VISITING TYPE OF FOLLOW-UP WORK PARTICULARLY AMONG DELINQUENTS. MOST OF THIS STAFF HAS BEEN ELIMINATED AT GREAT FINANCIAL SAVING AND EVEN BETTER RESULTS BY USE OF MAIL AND TELEPHONE. OF COURSE, QUICKER TREATMENT METHODS HAS AIDED IN REDUCING THE NEED OF FOLLOW-UP.

SKIN CLINIC THE RECENT TRANSFER OF THE SKIN CLINIC TO THIS DIVISION HAS BEEN WORKING OUT IN AN EXCELLENT MANNER AND IS ALREADY THE LARGEST IN THE STATE OFFERING ALL NECESSARY METHODS OF DIAGNOSIS AND TREATMENT. ORIGINAL RESEARCH HAS BEEN DONE TO ACCELERATE CURES AND DECREASE THE MEDICAL AND ECONOMIC BURDEN OF A NUMBER OF DISEASES. PAPERS RECORDING THESE RESEARCH FINDINGS HAVE BEEN PUBLISHED AND ARE NOW IN PRESS BRINGING CREDIT TO OUR INSTITUTION. DURING THE YEAR WE MADE 5,497 EXAMINATIONS AND TREATMENTS IN THE SKIN CLINIC FOR 1,599 DIFFERENT PATIENTS.

CLINIC	REPORT	1947	1948	1949	1950	1951
SYPHILIS	TOTAL NEW PATIENTS	672	564	572	368	226
	TOTAL PATIENTS TREATED	2206	2386	7851	8513	4691
	TREATMENTS GIVEN	* 22785	17728	19714	10269	5320
	CASES REPORTED FROM NEWARK	2105	1890	1865	1595	1932
	PATIENTS DISMISSED, ARRESTED OR CURED	1140	1760	894	875	1423
	PATIENTS PUT ON REST	360	125	437	599	676
GONORRHEA	NEW PATIENTS - MALE **	951	660	621	916	935
	" " FEMALE	285	327	413	438	299
	TOTAL NEW PATIENTS	1236	987	1034	1354	1234
	PATIENTS TREATED - MALE	1443	1107	4709	3599	3343
	" " FEMALE	1120	1009	1109	1647	2248
	TOTAL G.C. PATIENTS TREATED	2563	2116	5818	5246	5591
	TOTAL VISITS G.C.	7049	6569	7626	5676	5615
SOURCES OF INFECTION	NAMED	705	645	489	022	906
	FOUND AND EXAMINED	315	342	244	733	632
	FOUND INFECTIOUS	132	118	130	302	187

** NOTE - MALE AND FEMALE SYPHILIS CASES ARE ABOUT EQUAL. IN GONORRHEA WE TREAT TWICE AS MANY MALES.

* NOTE GREAT DROP IN NECESSARY TREATMENTS PER CASE DUE TO NEW ANTI-BIOTICS. IN 1947, 2206 PATIENTS RECEIVED 22,785 TREATMENTS. THIS YEAR TWICE AS MANY PATIENTS RECEIVED ONLY 5,320 TREATMENTS.

LABORATORIES

DR. H. A. TARBELL, CHIEF BACTERIOLOGIST — FRED COLTRELL, ASST. CHIEF BACTERIOLOGIST
MEYER LEVY, B.SC., SEROLOGIST — HALSEY DURAND, B.S., CHIEF CHEMIST
DISPENSARY LABORATORY - CARL CORDASCO, B.S., PH.G., ASST. CHIEF BACT.

(THESE LABORATORIES MAKE FOOD, MILK AND WATER EXAMINATIONS, FREE DIAGNOSTIC TESTS FOR LOCAL PHYSICIANS AND DEPARTMENT CLINICS)

BACTERIOLOGICAL

DIPHTHERIA CULTURES - - - - - -	2298
" " POSITIVE - -	0
TUBERCULOSIS SPUTA - - - - - -	4798
" " POSITIVE - -	518
TYPHOID (WIDALS) - - - - - - -	32
" " POSITIVE - -	4
PARA TYPHOID, A & B - - - - - -	22
" " " POSITIVE - -	0
DOG BRAIN EXAM. (RABIES) - - -	33
" " " POSITIVE - -	0
VINCENTS ANGINA SMEARS - - - -	941
" " " POSITIVE - -	124
GONORRHOEA SMEARS - - - - - -	4276
" " POSITIVE - -	444
" CULTURES - - - - - -	5519
" " POSITIVE - -	413
EXAM. FOR UNDULANT FEVER - - -	17
" " " POSITIVE - -	1
EXAM. OF FECES & URINE - - - -	115
WATER EXAMINATIONS - - - - - -	295
MILK & CREAM EXAMINATIONS - - -	3060
ICE CREAM EXAMINATIONS - - - -	225
SHELL FISH " - - - - - -	17
MISC. FOOD " - - - - - -	183
SWABBING FROM EATING UTENSILS -	707
RINSE WATER SWABBING - - - - -	18
PASTEUR TREATMENTS GIVEN - - -	0
TOTAL -	21,659

CHEMICAL

MILK SAMPLES - - - - - - - - - - - -	1669
" " BELOW STANDARD - - -	1
MILK AVERAGE SOLIDS (ALL SAMPLES)	12.72
" " FAT " "	3.84
CREAM SAMPLES - - - - - - - - - - -	14
" " BELOW STANDARD - - -	0
ICE CREAM SAMPLES - - - - - - - - -	150
" " " BELOW STANDARD - - -	1
WATER SAMPLES - - - - - - - - - - -	203
MISCL. " - - - - - - - - - - -	367
PHOSPHOTASE TEST (MILK PASTERZ'N)	2094
TOTAL	4717

NOTE - SPECIAL EXAMINATIONS INCLUDED HORSE MEAT, ADDED SULPHITES AND EXCESSIVE FAT CONTENT IN MEATS; ARTIFICIAL FLAVORINGS, AND MANY OTHER TYPES OF FOODS. CREAM AND ICE CREAM EXAMINATIONS INCLUDED PHOSPHOTASE TEST.

WATER SAMPLES INCLUDED ROUTINE EXAMINATIONS FROM WATER SHEDS, LOCAL FAUCETS, ETC., AS WELL AS ROUTINE TESTS OF SWIMMING POOL WATER FOR FREE CHLORINE, ETC.

SEROLOGICAL

PREMARITAL TESTS (KAHN) - - - -	6636
" " POSITIVE	91
PRENATAL " " - - - -	3231
" " " POSITIVE	38
DIAGNOSTIC " " - - - -	23530
" " " POSITIVE	2056
TOTAL KAHN TESTS - - - - - - - -	33397
" " " POSITIVE	2185
CONFIRMATION WASSERMANNS - - -	3627
" " POSITIVE	1302
SPINAL FLUIDS, WASSERMANNS - -	1187
" " " POSITIVE	45
RH FACTOR DETERMINATION - - -	2183
" " " POSITIVE	1946
" ANTIBODY TITRATION - - - -	6
HETEROPHILE ANTIBODY DET. - - -	116
BLOOD TEST (FOR TYPE) - - - - -	348
MISC. QUANT. WASS. AGGLUTINATION, GOLD CURVE, ETC.	71
TOTAL	41,340

DISPENSARY LABORATORY

KLINE BLOOD TESTS FOR SYPHILIS		TOTAL	POS.
	FOOD HANDLERS	12627	97
	DOMESTICS	2416	62
	INDUSTRIAL	714	8
	CLINICS	7863	1547
	MILITARY	315	0
	PRIVATE DOCTOR	3505	51
	MARRIAGE	703	16
	TOTAL KLINES	36717	3251
QUANTITATIVE KLINE TESTS - - -		4693	1434
DARKFIELDS - - - - - - - - - - -		64	11
SPINAL FLUIDS - - - - - - - - -		258	92
GONORRHEA SMEARS - - - - - - -		3986	884
VINCENTS ANGINA SMEARS - - - -		1571	714
TRICHMONAS VAGINALIS - - - - -		903	433
URINALYSES - - - - - - - - - - -		2828	-
SPECIAL TESTS FOR BLOOD COUNT, CLOTTING & BLEEDING TIME, SEDIMENTATION RATE, ETC. - -		1014	-
BLOOD TYPING - - - - - - - - - -		3209	-
TOTAL		48010	

TOTAL TESTS (ALL LABORATORIES) - - - 115,726